



MAPI

**Adhesive Tapes | Packaging Solutions |
Personal Safety Equipment | Marking
System | Abrasives**



PRODUCTS CATALOGUE

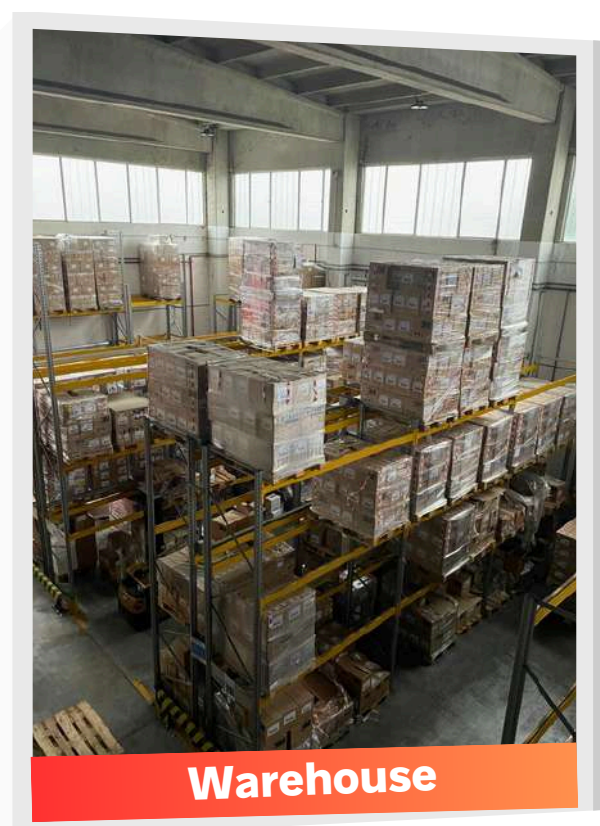
www.mapi24.it

*Our strength lies in the authentic relationships
we build with our customers.*

© Copyright 2024

All rights reserved. Any use, total or partial, of the contents included in the catalogue, including the Mapi brand, is prohibited without the prior written authorization from Mapi sas.

About Us



MAPI was established in 1985, quickly becoming an Official 3M Distributor for adhesive technologies. Our company distributes a wide range of products tailored to the industrial sector, including single-sided and double-sided tapes, abrasives, packaging solutions, personal protective equipment, marking systems, taping machines, and spare parts.

With over 30 years of experience, MAPI has built a level of expertise that makes us a reliable and qualified partner for our clients. We address the most specific needs and support them in creating cutting-edge projects that excel in performance, design, and functionality.

Our strength lies in the authentic relationships we develop with our clients, working together to create customized solutions. Trust and collaboration are at the core of everything we do.

Quality is our top priority in every aspect of our work. From material selection to final results, we are committed to ensuring that our products and services exceed expectations.

Our Solutions



Adhesive Tapes

3M Scotch-Weld Epoxy Structural Adhesive 490

3M Super 77 Spray Adhesive Multipurpose



Personal Safety Equipment



Case Sealers and Spare Parts



Packaging Solutions



Industrial Abrasives

Scotch-Brite FINISHING STRONG SINCE 1958

CUBITRON II



Marking Systems

OMARK



Our Services



Packaging tape is like a business card with strong communicative value. Customizing it becomes an effective way to strengthen your brand's identity and enhance the presentation of your products.

Customized Tape



Our qualified team is available for replacements, repairs and servicing of taping machines. Assistance is provided for routine maintenance, machine downtime or other technical issues, catering to both current and potential customers.

Support & Maintenance



We offer custom cutting of single-sided and double-sided tapes to tailored widths based on customer requirements. Utilizing state-of-the-art machinery, we can process a wide range of products, including the thickest materials.

Roll Cutting



We create custom adhesive shapes, producing semi-finished products essential for various processes. Custom die-cut shapes reduce material waste, enhance adhesive effectiveness, and simplify application.

Die-Cutting



Each service is available on multiple products. Where applicable, they'll be marked with the corresponding symbol.



PAGE 05-21

SINGLE-SIDED ADHESIVE TAPES

<i>Packaging Tape</i>	06	<i>Metal Tapes</i>	16
<i>Adhesive Handle</i>	09	<i>Cloth Tapes</i>	17
<i>Reinforced Tape</i>	10	<i>Sealing Tapes</i>	18
<i>Masking Tape</i>	11	<i>Non-Stick Tapes</i>	19
<i>Polyester Tape</i>	13	<i>Specialty Tapes</i>	20
<i>Plastic Tape</i>	14	<i>Retro-Reflective Tapes</i>	21



PAGES 22-43

DOUBLE-SIDED ADHESIVE TAPES

<i>VHB Tape</i>	23	<i>Foam Tape</i>	37
<i>Supported Tape</i>	30	<i>Dual Lock</i>	38
<i>iTransfer Tape</i>	31	<i>Hook & Loop</i>	40
<i>ATG Tape</i>	34	<i>Cushion Mount</i>	41
<i>Alternative Tape</i>	36		



PAGES 44-63

LIQUID ADHESIVE

<i>Structural</i>	44	<i>Hot-Melt Reagents</i>	60
<i>Instant</i>	56	<i>Solvent-Based</i>	61
<i>Aerosol Spray</i>	57	<i>Water-Based</i>	62
<i>Hot-Melt</i>	59	<i>Sealants</i>	63



PAGES 64-70

VISUAL SOLUTIONS

<i>Car Wrapping</i>	64	<i>DI-NOC Film</i>	68
<i>Window Film</i>	66	<i>Coatings for Labeling</i>	70



PAGES 71-72

MAINTENANCE AND CLEANING

<i>Accessories</i>	71	<i>Cleaners</i>	72
<i>Primer</i>	71	<i>Wipes</i>	72

Application Markets

One-sided Adhesive Tapes

Packaging	●	●	●	●	●	●	●	●	●	●	●	●
Tape Handles			●		●	●		●	●	●		●
Reinforced	●	●	●	●	●	●	●	●	●	●	●	●
Masking	●	●		●		●	●	●	●	●	●	●
Polyester	●	●	●	●		●		●				●
Plastic	●	●	●	●	●	●	●	●	●	●		●
Metallic	●	●		●	●	●	●	●	●			●
Duct Tape	●	●		●		●	●	●	●			●
Sealants	●	●		●		●		●				●
Non-stick				●	●	●						●
Specials	●	●				●	●			●		●
Retroreflective		●										●



General Industry



Transportation



Pharmaceuticals



Metalworking



Food & Beverage



Electronics & Energy



Paper Production



Construction & Furniture



Mechanics



Textile



Logistics



Distributor

Surface Applications

Materials with a surface energy less than 36 dynes/cm include PTFE, Polyvinyl, Polypropylene (PPL), Polyethylene (PET), EVA, Polystyrene, and PVA.

DIFFICULT
Low Surface Energy

LSE

Materials ranging from 36 dynes/cm to around 300 dynes/cm include PPE, rigid PVC, ABS, polycarbonate, polyurethane, polyester, nylon, polyimide, wood, concrete, glass, leather.

MEDIUM
Medium Surface Energy

MSE

Materials with surface energy greater than 300 dynes/cm include Ceramic, Porcelain, Lead, Tin, Zinc, Aluminium, Stainless Steel, and Copper.

EASY
High Surface Energy

HSE

● PACKAGING TAPE

These are used for sealing packages such as cardboard boxes and bags of various weights and sizes. We offer tapes made from polypropylene, PVC, PET, and paper, with different levels of adhesiveness and strength.



Standard widths (mm): 12 | 15 | 19 | 25 | 38 | 48 | 50 | 75 | 100 | 150
 Standard lengths (m): 66, 132, 330, 660, 990, 1500.



3M 369

It's a cost-effective packaging tape featuring a polypropylene backing combined with a hot-melt adhesive. It's ideal for light packaging applications. Thickness: 25 µm.



3M 371

It features a polypropylene backing combined with a hot-melt adhesive. It's ideal for general packaging applications. Thickness: 28 µm.



3M 3739

It features a polypropylene backing combined with a hot-melt adhesive. It's ideal for heavy uses. Thickness: 35 µm.



3M 311+

It's a polypropylene-based tape with an acrylic adhesive, designed for packaging applications in specific industries such as food, electronics, and pharmaceuticals, within a temperature range of -7° to 10° C. Thickness: 28 µm.



3M 305

It's a polypropylene-based tape with an acrylic adhesive. It's ideal for light packaging applications, with reduced noise during unwinding. Thickness: 25 µm.



3M 309

It features a polypropylene backing combined with an acrylic adhesive. It's ideal for general purposes, with reduced noise during unwinding. Thickness: 28 µm.



● DISPENSERS

They are essential tools designed to streamline and accelerate the process of sealing boxes with tape. They provide quick and easy access to tape, ensuring smooth application and minimizing waste.



3M H180 | H183

Both models feature an adjustable clutch that allows for controlled tape tension, ensuring smooth and consistent application. They are compatible with acrylic or solvent adhesive tapes, either 50 mm (H180) or 75 mm (H183) wide.



3M H150 | H153

Both models feature a self-adjusting clutch and noise reduction. Suitable for tapes with hot-melt adhesive, either 50 mm (H150) or 75 mm (H153) wide.





● PACKAGING TAPE

These are used for sealing packages such as cardboard boxes and bags of various weights and sizes. We offer tapes made from polypropylene, PVC, PET, and paper, with different levels of adhesiveness and strength.



Standard widths (mm): 12 | 15 | 19 | 25 | 38 | 48 | 50 | 75 | 100 | 150
Standard lengths (m): 66 | 132 | 330 | 660 | 990



3M 313

It features a polypropylene backing combined with an acrylic adhesive. It's ideal for heavy uses, with reduced noise during unwinding. Thickness: 40 µm.



3M 375E | 375+

It's a polypropylene-based tape with an hot-melt adhesive, designed for sealing very heavy boxes. Thickness: 50 µm.



3M 3707

It has a polypropylene support and solvent adhesive that ensure high performance and low noise, making it ideal for medium-sized packaging. Thickness: 35 µm.



3M 6890

It features a PVC backing combined with adhesive solvent. It guarantees high efficiency and reduced noise. It's perfect for medium-sized packaging. Thickness: 32 µm.



3M 8886

It has a polyethylene support with hot-melt adhesive that stretches up to 600% for medium to heavy-duty applications in wrapping goods on pallets. Stretching helps decrease adhesion levels to prevent surface damage. Thickness: 15 µm.



3M 3444 Paper Tape

It features a kraft paper backing combined with solvent adhesive that ensure optimal performance across various temperatures and it's easily to cut by hand. Thickness: 110 µm.

Standard widths (mm): 25 | 50 | 75 | 100 | 150
Standard length (m): 50



● DISPENSER

They're convenient device for cutting adhesive tape to the desired length in an easy way.



BD50 | BD75

Metal table dispenser with a weighted and scratch-resistant base, specifically designed for office use. Offered for 50 mm (BD50) or 75 mm (BDH75) tapes.



E7 | E9

Metal bag sealers are available in a Standard (E7) version for 12 mm tape or a Maxi (E9) version for 9 mm tape.



● PACKAGING TAPE

Various tapes like polypropylene, PVC, PET, and paper are utilized to seal packages like cardboard boxes and envelopes of various weights and sizes. These tapes come with different adhesion and resistance levels.



245

It's designed for tamper-evident applications, ensuring that any interference with the packaging is easily detectable. The tape leaves visible marks on the surface if removed, making it ideal for security purposes. It features a biaxially oriented polyester backing combined with a water-based acrylic adhesive. Thickness: 23 μ m.

Dimensions: mm 50x50 m



319HM

It has a polypropylene support and hot-melt adhesive that offer quick and strong adhesion for medium weight packaging. Thickness: 25 μ m.

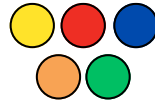
Standard widths (mm): 12 | 15 | 19 | 25 | 38 | 48 | 50 | 75
Standard lengths (m): 66 | 100 | 132 | 660 | 990



225

It features a polypropylene support combined with a water-based acrylic adhesive. It's ideal for sealing medium weight packages. Thickness: 28 μ m.

Standard widths (mm): 12 | 15 | 19 | 25 | 38 | 48 | 50 | 75
Standard lengths (m): 66 | 100 | 132 | 660 | 990



435

It features a semi-crepe paper backing with an hot-melt adhesive. The high tack formulation ensures instant adhesion when sealing bulky parcels. Weight: 60 gr/m².

Standard widths (mm): 48, 50, 75.
Standard lengths (m): 50 | 100 | 500



455

It features a semi-crepe paper backing with an hot-melt adhesive. It's supported by longitudinal glass fibers provide reinforcement. The high tack formula ensures instant adhesion when sealing extremely heavy packages. Weight: 60 gr/m². Glass fiber: 7 gr/m².

Standard widths (mm): 48, 50, 75.
Standard lengths (m): 50 | 100 | 500



470 | 475

It's a paper tape reinforced with glass fiber multifilaments, while the adhesive is based on corn or potato starch, which can be activated with water. The tape integrates with the packaging, serving as an anti-theft measure. Thickness: 180-205 μ m.

Standard widths (mm): 50
Standard lengths (m): 50





CARRY HANDLES TAPE

They provide consumers with the convenience and security needed for product transportation. The handles are made from a transparent polypropylene strip (called a support or film) with a printable paper insert.



[Watch the video](#)



Customized Print



Three Various Dimensions



High resistance



Application Brief

Product	Name	Maximum Weight	Dimensions	Color	Quantity	Strength of Tension	Linerless Thickness
	3M 8310	4,5 kg	25.4 x 431.8 x 76,2 mm	○	25 per unit 2750 per box	615 N/100mm	0,079 mm
	3M 8315	6,8 kg	35 x 584 x 152 mm	○	25 per unit 2000 per box	615 N/100mm	0,081 mm
	3M 8330	13,6 kg	35 x 584 x 152 mm	○	25 per unit 2000 per box	1174 N/100mm	0,089 mm

SPOOL HANDLES

The spooled tape is ideal for the automated application of adhesive handles on packaging lines. It is suitable for transporting heavy or bulky food and beverage packages.



Increased Revenue



Savings



Sustainability



Comfort Massimo

Product	Name	Maximum Weight	Dimensions	Color	Support	Sticker	Thickness	Use
	3M 9009HP	12 kg	mm 25 x 6500 mm	○	Polyester	Hot-Melt	50 µm	Post-Oven
	3M 8346	9 kg	mm 25 x 800 mm	○	Polypropylene	Hot-Melt	50 µm	Pre-Oven
	C 105*	12 kg	mm 25 x 330 m	○	Polypropylene	Hot-Melt	50 µm	Post-Oven

*Customizable printing options are available.

● REINFORCED PACKAGING TAPE

Ideal for pallet packaging and general reinforcements, these straps ensure maximum load safety due to their fiberglass or polyethylene composition.



3M 8953

It features polypropylene support with hot-melt adhesive. The support is reinforced with monodirectional longitudinal fiberglass. It's ideal for light strapping and reinforcement purposes. Thickness: 100 µm.





  Standard widths (mm): 12 | 19 | 25 | 50
Standard length (m): 50

3M 8956

It features polypropylene support with hot-melt adhesive. The support is reinforced with monodirectional longitudinal fiberglass. It's ideal for medium strapping and reinforcement purposes. Thickness: 120 µm.





  Standard widths (mm): 19 | 25 | 50
Standard length (m): 50

3M 8959

It features polypropylene support with hot-melt adhesive. The support is reinforced with bidirectional fiberglass. It's ideal for heavy strapping and reinforcement purposes. Thickness: 140 µm.



  Standard widths (mm): 19 | 25 | 38 | 50 | 75
Standard length (m): 45 | 50

510HM | 515HM

It features polypropylene support with hot-melt adhesive. The 510HM features bidirectional reinforcement, whereas the 515 HM features unidirectional reinforcement. Thickness: 28 µm.





  Standard widths (mm): 12 | 19 | 25 | 38 | 50
Standard length (m): 50

3M 3741

It's a tensile strapping tape that provides reinforcement for transportation and shipping. It adheres to various surfaces, especially household appliances, using hot-melt adhesive for one-way reinforcement. Thickness: 71 µm.





  Standard widths (mm): 12 | 15 | 19
Standard length (m): 66

3M 8898

It's a high-performance tensile tape designed for household appliances. It features a polypropylene film backing with hot-melt adhesive, offering strong resistance to breakage, abrasion, moisture, and scratches. The tape removes cleanly and is stain-resistant. Thickness: 0.11 mm.



  Standard widths (mm): 24 | 48
Standard length (m): 55

Additional items

Name	Color	Description
3M 890MSR		Suitable for large export packages. Resistant to abrasion, moisture, and scratches. Features solvent adhesive and one-way reinforcement. Film thickness: 200 µm.
3M 895		Adherence to oily surfaces, wrapping around thick metals, or applications exposed to gas or oil. Hot-melt adhesive and two-way reinforcement. Film thickness: 150 µm.
520		Durable tape that ensures superb resistance to physical strain.



MASKING ADHESIVE TAPE

They facilitate the painting process both indoors and outdoors by masking surfaces without leaving adhesive residue. What sets them apart is their thickness and resistance to high temperatures.

Standard widths (mm): 18 | 24 | 30 | 36 | 48 | 72 | 100
Standard lengths (m): 50



[View the video](#)



3M 101E

It's commonly used in industrial, construction, and painting sectors. It features a crepe paper backing with a rubber adhesive, a thickness of 0.12 mm, and resistance to temperatures up to 60°C/h.



3M 201E

It's widely used in industrial, construction, and painting fields, including infrared applications. It features a crepe paper backing with a rubber adhesive, a thickness of 0.135 mm and resistance to temperatures up to 80°C/h.



3M 301E

It's ideal for air drying and oven cycles, particularly in applications requiring significant adhesion. It features a crepe paper backing with a rubber adhesive and a thickness of 0.15 mm. It's resistant up to 100°C/h.



3M 401E

It's crucial in automotive and industrial applications, particularly for tasks requiring resistance to multiple high-temperature oven cycles. It features a crepe paper backing with a rubber adhesive and a thickness of 0.16 mm. This tape is resistant up to 140°C/h.



3M 501E

It's designed for wet sandblasting, oven, UV polymerization processes, and use with infrared or thermal lamps. It features a crepe paper backing with rubber adhesive and a thickness of 0.15 mm, offering resistance up to 160°C/h.



3M 244

It offers high removability, UV resistance, and waterproofing. It features a crepe paper backing with acrylic adhesive and a thickness of 0.085 mm, with resistance up to 100°C/h.



101E Up to 60°C General Use	201E Up to 80°C General Use	301E Professional Use Up to 100°C	3434 Automotive up to 110°C	401E Professional Use Up to 140°C	2525 High Temperature up to 150°C	501E High Temperatures up to 160°C
2060 Up to 60°C	244 Up to 100°C	3030 Water-based up to 100°C.	218 Up to 120°C Precision lines	2899 High Performance up to 150°C	8991/8992 Up to 204°C Powder Coating	

● MASKING ADHESIVE TAPE

They facilitate the painting process both indoors and outdoors by masking surfaces without leaving adhesive residue. What sets them apart is their thickness and resistance to high temperatures.

Standard widths (mm): 18 | 24 | 30 | 36 | 48 | 72
Standard lengths (m): 50



3M 2899

It has an excellent removability, UV resistance, and waterproof properties. It features an extremely thin crepe paper backing with acrylic adhesive, measuring 0.081 mm in thickness, and can withstand temperatures up to 150°C/h.



3M 2060

It's designed for rough and uneven surfaces, offering UV resistance. It features a crepe paper backing with a rubber adhesive, has a thickness of 0.15 mm, and can withstand temperatures up to 60°C/h.



3M 3030

It's a water-based paint masking tape designed for the transportation industry. It features a crepe paper backing with rubber adhesive, a thickness of 0.13 mm, and resists temperatures up to 100°C/h.



3M 3434

It's a high-performance masking tape for the automotive industry, resistant to multiple oven cycles, waterproof, and solvent-resistant. It has a crepe paper backing with rubber adhesive, a thickness of 0.18 mm, and can withstand up to 110°C/h.



3M 2525

It's a strong and durable masking tape with excellent adhesion, ideal for sandblasting, sealing, joining, and high-temperature painting. It features an ultra-thin crepe paper backing and cross-linked rubber adhesive, with a thickness of 0.24 mm. It can withstand temperatures up to 150°C/h.



Standard widths (mm): 25 | 50
Standard length (m): 55



3M 218

It's a thin, highly adhesive tape perfect for precise masking, offering excellent color separation and crisp paint edges. Made of polypropylene with rubber adhesive, it has a thickness of 0.12 mm and is heat resistant up to 120°C/h.



Common widths (mm): 1.58 | 3 | 6 | 9 | 12 | 19 | 25
Standard length (m): 55



3M 2071

It's ideal for sensitive surfaces like vinyl-coated wallpaper or newly painted walls (after 24 hours). It features acrylic adhesive with a thickness of 0.10 mm.





3M 2814

It offers high resistance to ultraviolet rays and excellent durability indoors and outdoors for up to 14 days. It features paper backing and rubber adhesive with a thickness of 0.12 mm.



Additional items

Name	Color	Description
3M 2800		It's ideal for precise masking on thermoplastic olefin (TPO) surfaces. It features acrylic adhesive with a thickness of 0.105 mm.
3M 233+		It's a crepe paper tape designed for repair and refinishing applications in the automotive industry, with a wide range of uses up to 120°C. Thickness: 0.17 mm.



POLYESTER ADHESIVE TAPES

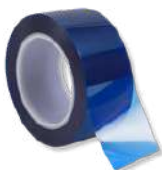
The polyester backing provides them with insulating properties and high resistance to tension, abrasion, slipping, chemicals, and high temperatures.

Standard widths (mm): 19 | 25 | 35 | 38 | 50 | 70 | 100
Standard lengths (m): 66



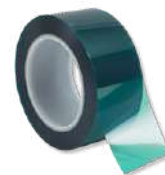
3M 8991 | 8991L

It's used in powder coating applications for masking or overlamination. It features a silicone adhesive that is resistant up to 204°C/h and has a thickness of 0.061 mm. It is available in a liner version with lining.



3M 8992 | 8992L

It's designed for masking in powder coating applications. It features a silicone adhesive that is resistant up to 204°C/h and has a thickness of 0.08 mm. The L version comes with a liner.



3M 8901 | 8902

They're ideal for high-temperature masking tasks such as powder coating and electrostatic painting. They feature a silicone adhesive that can withstand temperatures up to 204°C. 3M 8901 has a thickness of 0.06 mm while 3M 8902 is slightly thicker at 0.09 mm.



3M 8402 | 8403

They're designed for anodizing, composite bonding, and joining, with a silicone adhesive. They're suitable for use in temperatures ranging from -50°C to +177°C. The 3M 8402 has a thickness of 0.04 mm, while the 3M 8403 is slightly thicker at 0.06 mm.



3M 396

It's known for its high adhesion and is certified for asbestos particulate tear tests, making it suitable for powder coating applications. It has a thickness of 0.10 mm and is resistant up to 93°C/h.

Standard widths (mm) 25 | 50
Standard length (m): 33



3M 1280

It's specifically designed for protecting printed circuits during electroplating processes. It features a silicone adhesive and a low-stretch polyester film, which can be used both manually and with machines. Thickness 0.091 mm.



3M 850

It's ideal for jointing applications requiring a fast and durable bond, particularly for small-caliber needs. It is tear-resistant and offers protection against abrasion. Made with polyester and aluminum backing, along with acrylic adhesive, it can withstand temperatures between -50°C and +150°C. Thickness: 0.05 mm.



3M 875

It excels in demanding environments, withstanding autoclave cycles and high temperatures up to 177°C. It meets small diameter specifications and is resistant to tearing and abrasion. It features a rubber adhesive and has a thickness of 0.05 mm.



Additional items

Name	Color	Description
3M 8985L		It's without silicone, specifically made for chromic acid anodizing. It can withstand a maximum temperature of 93°C and has a thickness of 0.1 mm.
3M 8422		It's tailored for splicing photographic film processing, this product showcases a robust and adaptable rubber adhesive that withstands solvents and chemicals. Thickness: 0.06 mm.

● PLASTIC ADHESIVE TAPES

They're characterized by high conformability, excellent resistance to aging, chemicals, tension, and abrasion. They are used for area and field demarcation, surface joint identification, and masking in galvanic treatments.

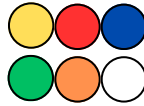


Standard widths (mm): 12 | 19 | 25 | 50 | 76 | 100
Standard length (m): 33



3M 971

It's highly durable, designed to withstand abrasion in heavy-duty operations like pallet dragging and forklift usage. It's ideal for high-traffic work areas. The tape is also available in an L version with a liner. Thickness: 0.43 mm.



3M 471

It's resistant to wear, chemicals, and solvents. It is commonly used for signaling and marking pedestrian zones, sports fields, and galvanic baths. Thickness: 0.14 mm.



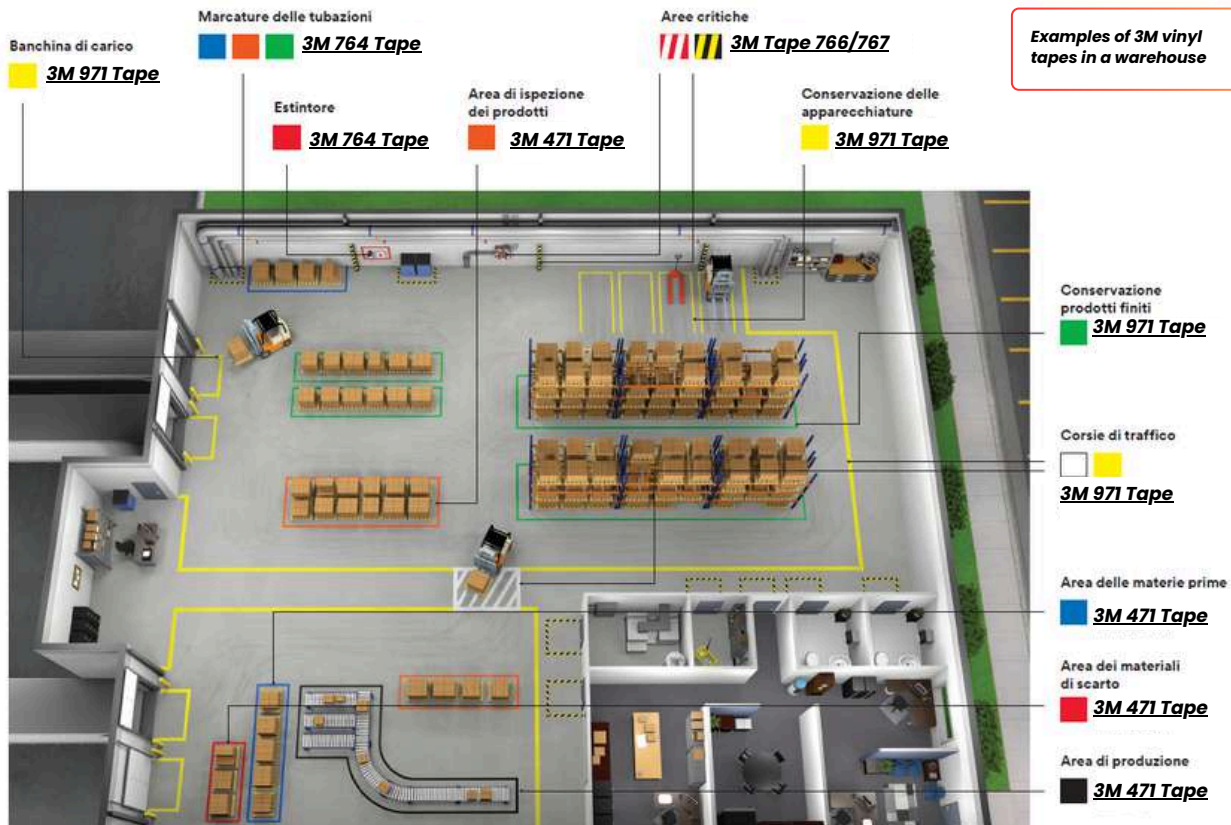
3M 764

It's designed for delineating light traffic areas, walls, pipes, as well as for color coding, wrapping, and general safety marking. Thickness: 0.13 mm.



3M 471+

It's highly conformable and can withstand temperatures up to 120°C for 30 minutes. It's ideal for electroplating and marking small or irregular items. Thickness: 0.14 mm.





PLASTIC ADHESIVE TAPES

They're characterized by high conformability, excellent resistance to aging, chemicals, tension, and abrasion. They are used for area and field demarcation, surface joint identification, and masking in galvanic treatments.



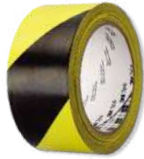
[View the video](#)

Standard widths (mm): 12 | 19 | 25 | 50 | 76 | 100
Standard length (m): 33



3M 766

It's designed to indicate potentially hazardous areas or areas subject to risks or emergencies, such as objects that should not be touched, heat sources, or protruding equipment. Thickness: 0.13 mm.



3M 767

It's designed to indicate potentially hazardous areas or areas subject to risks or emergencies, such as objects that should not be touched, heat sources, or protruding equipment. Thickness: 0.13 mm.



3M 470

It's designed to withstand demanding conditions such as galvanic processes, anodizing, plating, milling, and shot peening. It features a flexible vinyl backing that adapts to uneven or curved surfaces. Thickness: 0.18 mm.

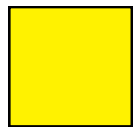


3M 472

It's ideal for applications requiring extra surface protection and flexibility. It features a durable backing that resists scratches and abrasions, and can withstand temperatures up to 107°C. Its flexibility makes it easy to apply on uneven or curved surfaces. Thickness: 0.52 mm.



5S Method - Color Coding



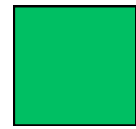
Passes and Lanes



Examination zone



Safety and Risk



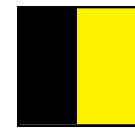
Area for Finished Products



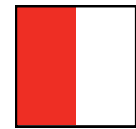
Area for Raw Materials



Ongoing products



Health Hazard



Danger Zones



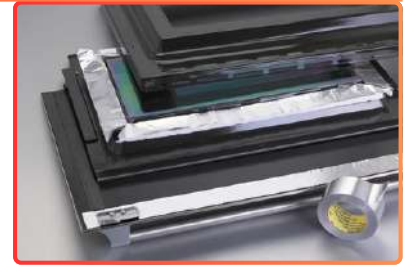
3M M1 Applicator for plastic tapes



METAL ADHESIVE TAPES

They're excellent for thermal conductivity and resistance to chemical agents. Particularly suitable as a protective barrier against radiation, moisture, perforation, and more.

Standard widths (mm): 12 | 19 | 25 | 38 | 50 | 75 | 100 | 150
Standard length (m): 55



3M 425 | 427

They're versatile solutions ideal for heat shielding, heat reflection, chemical masking, milling, joining, sealing, and coil fastening. They operate effectively in temperatures ranging from -54° to +149°C. 3M 427 includes a liner. Thickness: 0.12 mm.



3M 431

It's versatile for heat shielding, reflection, splicing, sealing, and enhancing heating/cooling efficiency. Temp range: -54° to +149°C. Thickness: 0.08 mm.



3M 1436

It's an high-quality designed for both internal and external ductwork. It features a strong adhesive for effortless application and it can withstand temperatures ranging from -25° to +70°C. Thickness: 0.065 mm.



3M 363

It's specifically crafted for heat protection, thanks to an aluminum foil backing with a fiberglass tape and a silicone adhesive. It operates within a temperature range of -54° to +316°C. Thickness: 0.19 mm.



3M 2552

Due to its viscoelastic properties, it effectively reduces vibrations. It's created to minimize structure-borne noise and fatigue in metal and composite panels and support structures. It operates in the temperature range +5° to +50°C. Thickness: 0.38 mm.



3M 1316 | 1317

They're flexible magnetic tape, made of a polymer base. They're ideal for applications requiring temporary or permanent material attachment. They can be easily applied, removed, repositioned and reused without damage. The 3M 1316 is 0.9 mm thick, while the 3M 1317 is 1.5 mm thick.



3M 420

It's an electrically and thermally conductive aluminum foil tape, highly conformable and durable. Resistant to flame, humidity, UV degradation, chemicals, and radiation, making it suitable for demanding environments. It operates within a temperature range of -51°C to +107°C and has a thickness of 0.17 mm.



3M 1181

It's designed for EMI shielding and grounding, this tape features a copper foil backing with an acrylic conductive adhesive for reliable electrical connectivity. It is ideal for shielding equipment, components, and shielded rooms. Thickness: 0.066 mm.



Standard widths (mm): 12 | 15 | 19 | 25 | 50
Standard length (m): 16.5

Additional items

Name	Material	Description
3M EMI 1345	Copper Tin	It provides superb resistance to oxidation and discoloration. Intended for grounding and EMI shielding. Thickness: 0.1 mm.
3M EMI 1170	Aluminum	It's easily die-cut and weldable, with conductive adhesive ideal for EMI shielding and grounding of electrostatic charges. Thickness: 0.08 mm.



DUCT TAPES

They have the ability to seal, reinforce, protect, and join a variety of materials. They are also highly durable.

Standard widths (mm): 19 | 25 | 38 | 48 | 50 | 75 | 100
Standard lengths (m): 23 | 50 | 55



3M 389

It's designed for challenging industrial uses, it offers excellent sealing, abrasion resistance, and conformability. Made with a durable rayon canvas backing coated with polyethylene, it resists water and harsh conditions. Thickness: 0.26 mm.



3M 1900

It's the most economical option in the range. It features a rayon canvas backing with polyethylene coating and is ideal for light, non-critical sealing applications. Thickness: 0.15 mm.



3M DT8

It's built for demanding tasks, this tape provides strong immediate adhesion and excellent conformability. Suitable for shaped surfaces, quick repairs, joints, and fast connections. Constructed with a polyethylene backing and rubber adhesive. Thickness: 0.20 mm.



3M DT11

It's ideal for tasks requiring water resistance and durability. It resists light abrasion and wear, making it a good choice for sealing, joining, and bonding applications. Features a polyethylene backing and rubber adhesive. Thickness: 0.27 mm.



3M DT17

It's designed for the most demanding tasks, offering outstanding resistance to water, wear, and abrasion. It is suitable for heavy-duty applications like robust banding and splicing. Thickness: 0.42 mm.



3M 8979

It's perfect for permanent use indoors and outdoors. It can be removed cleanly with little or no adhesive residue within 6 months of application on most matte surfaces. Thickness: 0.33 mm.



3M 2903

It's a versatile tape suitable for a wide range of maintenance tasks, including bundling, wrapping, fixing, sealing, protecting, color coding, packaging, and temporary repairs. Thickness: 0.15 mm.



3M 3903i

It's known for its exceptional elongation (115%) and it's reliable and multipurpose. Its versatility makes it suitable for various applications, from temporary fixes to sealing. Thickness: 0.15 mm.



Additional items

Name	Color	Description
3M 2904		Versatile and adaptable option for general maintenance and demanding tasks. Thickness: 0.19 mm.
3M P333		Suitable for repairs, fixings, reinforcements, permanent or temporary maintenance. Thickness: 0.17 mm.

● SEALING TAPES

They're designed for secure, long-lasting sealing of construction joints in both interior and exterior settings. They combine high resistance, flexibility, and durability, providing robust protection against environmental factors.



3M 4411

It's designed for demanding sealing tasks, ensuring watertight protection on various surfaces. It's particularly suited for applications such as gutters, vents, flashings, roofs, and underground cable housing. Thickness: 1 mm.

Standard widths (mm): 50 | 610
Standard length (m): 33



3M 4412

It's perfect for professional sealing of existing joints or leaks, this tape excels in environments exposed to direct sunlight, temperature fluctuations, and high humidity. Its waterproof properties make it ideal for demanding applications. Thickness: 2 mm.

Standard widths (mm): 25 | 50 | 75 | 102 | 610
Standard length (m): 16.5



3M 481

It's made with a polyethylene backing and rubber adhesive, this tape is designed to seal and protect various types of storage equipment, including those used in military and industrial settings. Its weather resistance, conformability to uneven surfaces, and excellent stain resistance ensure reliable performance in tough environments. Thickness: 0.24 mm.

Standard width (mm): 50
Standard length (m): 33



3M 5313

It's primarily used for sealing vehicle windshields, this synthetic rubber-based extrusion provides a strong, cohesive seal under tension. Its non-hardening formula ensures it is ready for immediate use after application, offering a durable and consistent seal. Thickness: 2 mm.

Various widths
Various sizes



3M 8067 E-FAST F

It's engineered for waterproofing in construction applications, this tape effectively seals areas around openings and joints, protecting external walls from infiltration. Featuring a multilayer elastomeric film backing and acrylic adhesive, it withstands UV exposure for up to six months, providing lasting protection. Thickness: 0.25 mm.

Standard widths (mm): 50 | 60 | 100 | 200
Standard length (m): 25



3M 8069E-FAST D

It's designed for robust waterproofing solutions in construction settings, offering reliable sealing around openings and joints to safeguard against external penetration. With its advanced multilayer elastomeric film backing and acrylic adhesive, it endures UV exposure for up to six months and delivers enhanced durability. Thickness: 0.47 mm.

Standard width (mm): 50
Standard length (m): 25





● NON-STICK, ANTI-FRICTION AND KEPTON TAPE

They find application in various goods handling scenarios. Non-stick tapes exhibit a high coefficient of friction, providing dragging properties, whereas anti-friction tapes feature a low coefficient, enabling contact without wear.

Standard widths (mm): 6, 9, 12, 19, 25, 38, 50, 76, 100, 508, 610.
Standard length (m): 16.5 | 33



3M 5401

Comprising a glass fiber reinforced silicone backing and silicone adhesive, this material is beneficial for coating rollers and offering drag and non-stick properties in typical printing methods due to its elevated friction coefficient. It can withstand high temperatures up to 149°C. Thickness: 0.24 mm.



3M 5421 | 5423 | 5425

They possess a low friction coefficient that generates a "sliding plane" effect for applications related to anti-wear and anti-friction. The 3M 5421 and 5423 come with a rubber adhesive and a UHMW polyethylene backing, whereas the 5425 features an acrylic backing. The thickness is as follows: 3M 5421 (0.17 mm), 3M 5423 (0.3 mm), and 3M 5425 (0.11 mm).



3M 5413

Polyimide (Kepton) film tape with silicone adhesive is utilized for safeguarding gold components of printed circuit boards while undergoing wave and immersion soldering processes, withstanding temperatures up to 260°C. This tape is fire-resistant, and it exhibits resistance to chemicals and radiation. Thickness: 0.06 mm.



3M 5419

Polyimide (Kepton) film tape with silicone adhesive has low static properties, making it ideal for safeguarding circuits during soldering processes. It can withstand temperatures up to 260°C. Thickness: 0.07 mm.



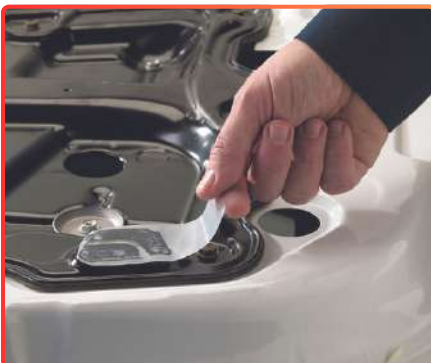
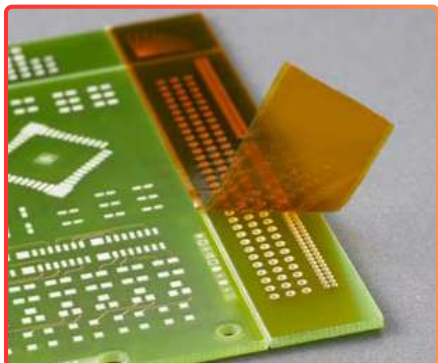
3M 5451 | 5453

Constructed from a fiberglass fabric backing saturated with PTFE and silicone adhesive, these products boast outstanding non-stick characteristics and mechanical durability. They can withstand elevated temperatures reaching 204°C. The thickness is 0.14 mm for 3M 5451 and 0.21 mm for 3M 5453.



3M 5490 | 5491 | 5480

Consisting of an extruded (5490 and 5491) or peeled (5480) PTFE support and silicone adhesive, these products generate a non-stick impact on surfaces, enabling the removal of squeaks and different noises. Temperature range: -54°C to +204°C. Thickness: 3M 5490 (0.09 mm), 3M 5491 (0.17 mm), and 3M 5480 (0.09 mm).




● SPECIAL TAPES

This category comprises products with highly specific distinctive features, designed for unique applications.



3M 616

UPVC film inactivic tape with rubber adhesive and ruby red color. It is optically transparent and photographically opaque. It is utilized in various lithographic stripping applications in the graphic arts sector. Thickness: 0.06 mm.

 Standard widths (mm): 19 | 25 | 50
Standard length (m): 66



3M 361


Intended for uses that demand high temperature resistance, strong adhesion, or masking during plasma spray. It can withstand temperatures up to 288°C and complies with FAA flame resistance regulations. Ideal for submerged arc welding. Thickness: 0.18 mm.

 Standard widths (mm): 19 | 25 | 50
Length standard (m): 55



3M 3294 Ventilation System


It includes a unique, adaptable non-woven fabric backing with excellent air and gas permeability and rapid degassing capabilities. Utilized in on-site foam insulation applications. Thickness: 0.10 mm.

 Standard width (mm): 50
Standard length (m): 33



3M 855 Temperature Increase

Highly adaptable nylon film tape, specifically created for high-temperature uses up to 204°C for brief durations. It is utilized for eliminating burrs post the joining of composite materials or for masking metal joints. Thickness: 0.09 mm.

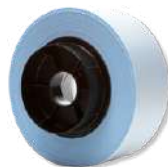
 Standard widths (mm): 25 | 50 | 75
Standard length (m): 66



3M 398FR

The fiberglass tape possesses strong adhesion, resistance to abrasion, and flame retardant characteristics. It can serve as a flame retardant option for various aerospace, rail, and MRO uses. Thickness: 0.18 mm.

 Standard widths (mm): 50 | 75 | 100
Standard length (m): 33



3M 9343

Tailored for sound control, capable of minimizing noise, vibrations, and squeaks in the automotive industry and specialized vehicles. It offers high levels of flexibility, elasticity, compressibility, and longevity. Thickness: 0.15 mm.

 Standard widths (mm): 10 | 630
Standard length (m): 33



3M Super 33+


Highly conformable PVC vinyl insulation tape provides good flexibility for moisture-proof electrical and mechanical protection, ensuring high performance with temperatures up to 105°C. Thickness: 0.18 mm.

 Standard widths (mm): 19, 25, 50.
Standard lengths (m): 6 | 20 | 33



3M 165 Temflex Insulation

PVC vinyl insulation tape is suitable for repairs, wiring, and primary insulation of wires and cables (low voltage). It provides high performance and is appropriate for indoor and outdoor use in medium-intensity applications. Thickness: 0.15 mm.

 Standard widths (mm): 15 | 19
Standard length (m): 10 | 25





● RETROREFLECTIVE TAPES

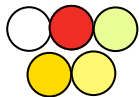
Created to enhance road safety by increasing the visibility of vehicles and trailers. They are distinguished by vibrant colors or diamond shapes for outstanding daytime visibility and high retroreflectivity for excellent night visibility.



3M Series 983

Tape with high photometric power, used to outline vehicle profiles with rigid surfaces. It is easy to apply, resistant to delamination and discoloration, and maintains its properties for up to 10 years, even in challenging environmental conditions.

Standard width (mm): 53.5
Standard lengths (m): 45 | 50



3M Series 983S

Highly photometric segmented tape designed for outlining tank profiles. It is simple to apply, durable against delamination and discoloration, retaining its properties for a decade, even in challenging environmental conditions.



Standard width (mm): 50
Standard length (m): 50



3M Series 957S

Metallic tape segments designed for use on the sides and rear of commercial and industrial vehicle tarpaulins to enhance their visibility and size. Guaranteed for 3 years.

Standard width (mm) 51
Standard length (m): 50



3M Series 943

Metallized tape with high photometric power, designed for outlining vehicle profiles with rigid surfaces. It is easy to apply, resistant to delamination and discoloration, and comes with a 5-year guarantee.



Standard width (mm): 51
Standard length (m): 50



Application Markets

Adhesive Tapes

VHB	●	●	●	●	●	●	●	●	●	●	●	●
Supported	●	●	●	●		●	●	●	●	●	●	●
Transfer	●	●	●		●	●	●		●			●
ATG Transfer	●		●		●		●			●		●
Alternatives	●	●	●	●			●	●	●	●	●	●
Foam	●	●		●		●			●		●	●
Dual Lock		●		●		●		●		●	●	●
Hook & Loop		●		●		●		●	●	●	●	●
Cushion							●					●

General Industry

Transportation

Pharmaceuticals

Metalworking

Food & Beverage

Electronics & Energy

Paper Production

Construction & Furniture

Mechanics

Textile

Logistics

Distributor

Surface Applications

Materials with a surface energy less than 36 dynes/cm include PTFE, Polyvinyl, Polypropylene (PPL), Polyethylene (PET), EVA, Polystyrene, and PVA.

DIFFICULT
Low Surface Energy

LSE

Materials ranging from 36 dynes/cm to around 300 dynes/cm include PPE, rigid PVC, ABS, polycarbonate, polyurethane, polyester, nylon, polyimide, wood, concrete, glass, leather.

MEDIUM
Medium Surface Energy

MSE

Materials with surface energy greater than 300 dynes/cm include Ceramic, Porcelain, Lead, Tin, Zinc, Aluminium, Stainless Steel, and Copper.

EASY
High Surface Energy

HSE



VHB ADHESIVE TAPES

They provide limitless application and design possibilities, enabling the removal of screws and rivets, thereby enhancing the design aesthetically and productively. There are numerous fields of application, and here are a few examples.

Adhesion Power kg/cm2							
1	4	10	30	48	55	70	400
Transfer	Fastener	Adhesive sprays	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural

Frame Panel

Addresses demanding dynamic loads to minimize assembly weight and guarantee a neat look and imperceptible joint line.



Panel Reinforcement

Experience the freedom to create unique designs that endure and preserve their original beauty, resistant to vibration and corrosion.



Optical Components

It securely seals dissimilar materials, creating products with an innovative design without sacrificing production efficiency.



Ornamental Features

Enhance your products' performance by enhancing flexibility in production and design to achieve impactful aesthetic combinations.



View Our Video



● VHB ADHESIVE TAPES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

3M VHB tapes enable designing beyond the constraints of mechanical fasteners, enhancing product quality, boosting efficiency, and enhancing performance. A useful initial step involves recognizing the various categories of double-sided adhesives, each tailored to a particular use.

4941 Series

Conformable | Multi-Purpose

It's a conformable and multi-purpose acrylic foam, suitable for uneven or slightly misaligned surfaces. It provides excellent adhesion to a variety of materials with high and medium surface energy such as glass, metals, various plastics like soft PVC, acrylics, and polycarbonates, painted wood, and concrete. It also offers excellent resistance to plasticizers.



Product	Thickness (mm)	Color	Temperature Tolerance °C		Surface Adhesion		
			Brief Period	Long Period	Easy	Medium	Difficult
4936P/F	0,6	●	+150	+90			
4919F	0,6	●	+150	+90			
4941F/P	1,1	●	+150	+90			
4947F	1,1	●	+150	+90			
4956P/F	1,6	●	+150	+90			
4991F	2,3	●	+150	+90			

P: Paper Liner | F: Film Liner



VHB ADHESIVE TAPES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

They exhibit high resistance to temperature changes, UV rays, moisture, and chemicals. Additionally, they can bond in all weather conditions and absorb impacts and collisions.

5952 Series

Highly Comfortable | Powder Coatings

It's a highly conformable acrylic foam, that can adhere well to a broad range of materials, particularly on powder-coated or uneven surfaces. It offers high resistance to dynamic stress and is suitable for use with glass, metal, moderately challenging plastics like PVC, polycarbonates, ABS, and polystyrene, powder paints, wood, and painted concrete.



Product	Thickness (mm)	Color	Temperature Tolerance °C		Surface Adhesion		
			Brief Period	Long Period	Easy	Medium	Difficult
5906F	0,15	●	+120	+90			
5907F	0,2	●	+120	+90			
5908F	0,25	●	+120	+90			
5909F	0,3	●	+120	+90			
5915F	0,4	●	+150	+120			
5925F/P	0,6	●	+150	+120			
5930F	0,8	●	+150	+120			
5952F	1,1	●	+150	+120			
5962F	1,6	●	+120	+90			

P: Paper Liner | F: Film Liner



● VHB ADHESIVE TAPES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

The flexibility of 3M VHB tapes' viscoelastic structure enables effective management of the differential thermal expansion between two materials, compensating for it up to 3 times their thickness.

GPH Series

High Temperatures

It's double-sided adhesive made of a flexible foam and a modified acrylic adhesive with outstanding initial adhesion. It guarantees exceptional performance at elevated temperatures for powder and non-powder coating and bonding various materials. Suitable for: glass, metals, paintable surfaces, painted wood.



Product	Thickness (mm)	Color	Temperature Tolerance °C		Surface Adhesion		
			Brief Period	Long Period	Easy	Medium	Difficult
GPH-060	0,6	●	+230	+150			
GPH-110	1,1	●	+230	+150			
GPH-160	1,6	●	+230	+150			

4611 Series

High Temperatures

It's a rigid foam family, ideal for high-temperature applications, excelling on easily glued surfaces. They are suitable for assembling metal parts before hot or powder painting processes. Suitable for glass, metals, or surfaces to be painted.



Product	Thickness (mm)	Color	Temperature Tolerance °C		Surface Adhesion		
			Brief Period	Long Period	Easy	Medium	Difficult
4646F	0,6	●	+230	+150			
4611F	1,1	●	+230	+150			
4655F	1,5	●	+230	+150			

P: Paper Liner | F: Film Liner



VHB ADHESIVE TAPE

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

4910 Series

Invisible Surfaces

This adhesive family is known for its acrylic adhesive designed to fulfill the requirement for transparency in applications where achieving nearly invisible seams is essential. Due to its formulation, it is perfect for use on plexiglass or clear glass.



Product	Thickness Measurement	Color	Temperature Tolerance in Celsius		Surface adhesion		
			Brief period	Duration	Easy	Average	Difficult
4905F/P	0,5		+150	+90			
4614F	0,8		+150	+90			
4910F/P	1,1		+150	+90			
4915F	1,5		+150	+90			
4918F	2,0		+150	+90			

LVO Series

Low Odor

It's ideal for low surface energy surfaces like polypropylene and polystyrene, the acrylic adhesive is highly conformable. It is specially formulated to offer low odor (VDA 270), low VOC (volatile organic compounds), and fog emissions (VDA 278). Additionally, it's the sole VHB family with FDA suitability for applications involving indirect contact with food.



Product	Thickness (mm)	Color	Temperature Tolerance °C		Surface Adhesion		
			Brief Period	Long Period	Easy	Medium	Difficult
LVO-060-BF	0,6		+120	+90			
LVO-110-BF	1,1		+120	+90			
LVO-160-BF	1,6		+120	+90			

P: Paper Liner | F: Film Liner



● VHB ADHESIVE TAPES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

This acrylic foam tape possesses qualities that enable the absorption of shocks and impacts. Additionally, it's "pressure sensitive," facilitating the bonding of two surfaces upon contact, without requiring drying; it achieves peak performance after 72 hours.

4950 Series

General Purpose

It's defined by a stiff acrylic foam, it is the optimal choice for non-essential uses on surfaces that are easy to bond, like glass, metals, composite materials, and painted wood.



Product	Thickness (mm)	Color	Temperature Tolerance °C		Surface Adhesion		
			Brief Period	Long Period	Easy	Medium	Difficult
4914-015	0,15	○	+150	+90			
4914	0,25	○	+150	+90			
4920P	1,1	○	+150	+90			
4930P/F	1,1	○	+150	+90			
4950P/F	1,6	○	+150	+90			
4912F	2,3	○	+190	+150			
4959F	1,6	○	+204	+150			

P: Paper Liner | F: Film Liner



VHB ADHESIVE TAPES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

LSE Series

Low Surface Energy

It's specially formulated acrylic foam tapes, designed for low surface energy or challenging to bond surfaces like polypropylene (PP), thermoplastic elastomers (TPE), PVA, and thermoplastic olefins (TPO), to establish a durable and strong bond.



Product	Thickness (mm)	Color	Temperature Tolerance °C		Surface Adhesion		
			Brief Period	Long Period	Easy	Medium	Difficult
LSE-060WF	0,6	○	+150	+90			
LSE-110WF	1,1	○	+150	+90			
LSE-160WF	1,6	○	+150	+90			

RP+ Series

Conformable | High Temperatures

It's characterized by a conformable and multipurpose acrylic foam that ensures excellent adhesion on a wide range of high and medium surface energy materials. It also has excellent resistance to high temperatures.



Product	Thickness (mm)	Color	Temperature Tolerance °C		Surface Adhesion		
			Brief Period	Long Period	Easy	Medium	Difficult
RP+040GF/P	0,4	●	+230	+120			
RP+060GP	0,6	●	+230	+120			
RP+080GF/P	0,8	●	+230	+120			
RP+110GP	1,1	●	+230	+120			
RP+160GP	1,6	●	+230	+120			
RP+230GF/P	2,3	●	+230	+120			

P: Paper Liner | F: Film Liner



SUPPORTED DOUBLE-SIDED ADHESIVE

They possess high bonding and sealing standards. They are perfect for adhering various materials, forming an almost invisible bond line. Additionally, they are easily die-cut and enable fast and neat processing.

Adhesion Power kg/cm2							
1	4	10	30	48	55	70	400
Transfer	Dual Lock	Adhesive sprays	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural



3M GPT-020 P | F

It's a versatile adhesive perfect for thin bonding across various applications and surfaces, from metal to certain medium/easy plastics. It boasts high initial adhesion and excellent resistance to UV rays, humidity, and high temperatures up to 190°C. Thickness: 0.2 mm.



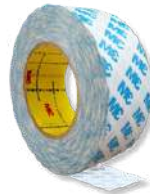
3M 90080

It's an acrylic adhesive and non-woven backing that provide exceptional flexibility, versatility, and outstanding outcomes even on challenging surfaces. Perfect for bonding on paper, polyethylene, and polypropylene. Suitable for die-cutting and lamination. Thickness: 0.16 mm.



3M 90775

It's featuring acrylic adhesive and TNT backing for exceptional flexibility and versatility, even on challenging surfaces. Perfect for bonding paper, polyethylene, and polypropylene. Suitable for die-cutting and lamination processes. Thickness: 0.08 mm.



3M 410M

It's crafted from paper backing and rubber resin adhesive, this tape is perfect for bonding fabrics, laminates, plastic films, and paper due to its excellent resistance to slipping. It is recommended for indoor and room temperature use. Thickness: 0.15 mm.



3M 9191

It's an highly aggressive hot-melt adhesive with a non-woven backing. Primarily utilized for securing carpets, rugs, and other applications that demand robust adhesion. Thickness: 0.26 mm.



3M 9192

It's an highly aggressive hot-melt adhesive with PPL backing, primarily utilized for securing carpets, rugs, and other applications needing instant bonding. Thickness: 0.16 mm.



Additional items

Name	Color	Thickness	Application
3M 9080HL		0,16 mm	Ideal for repairing electronic components. TNT backing, acrylic glue.
3M CT6348		0,10 mm	It provides strong grip and immediate adhesion. Fabric backing on silicone release liner, acrylic adhesive.
3M 99015LVC		0,15 mm	It guarantees dimensional stability, ease of manipulation, and exceptional die-cutting. Low levels of VOC and FOG content.
3M 983		0,15 mm	It features liners on both sides of the tape for easy removal. It is utilized for posters, placards, and advertisements.



SUPPORTED DOUBLE-SIDED ADHESIVE

The primary benefits provided by these products include the thinness of the final product, the ability to adhere foams and fabrics, flexibility to fit irregular surfaces, and outstanding clarity for displays and graphic uses.



3M 93010LE | 93015LE | 93020LE

The polyester backing and 300 LSE adhesive offer exceptional adhesion to challenging plastics, powder-coated surfaces, and metals. It provides anti-lifting characteristics, solvent resistance, and UV ray protection. It is offered in three various thicknesses: 93010LE at 0.13 mm, 93015LE at 0.15 mm, and 93020LE at 0.20 mm.



3M 9495LE

The polyester backing and 300 LSE adhesive offer outstanding adhesion to challenging plastics, powder-coated surfaces, and lightly contaminated with oil, commonly utilized with machine parts. The bonding strength increases over time and with temperature. Thickness: 0.17 mm.



3M 9448A

Ideal option for individuals seeking top performance and strong resistance to elevated temperatures. Utilized for securing plates, laminating or attaching plastic films, splicing, and fixing foam. Thickness: 0.15 mm.



3M 99786+

300MP acrylic adhesive and high adhesion TNT backing are appropriate for securing LSE and HSE materials. Ideal for bonding leather and fabrics, it is commonly used for general mounting and joining applications with a thickness of 0.14 mm.



3M 9731

This differential double-sided adhesive has a polyester backing and features a 350 acrylic and a silicone adhesive. It can bond to various materials like silicone surfaces, low surface energy plastics, powder coatings, and greasy materials. Thickness: 0.14 mm.



3M 9415PC

This product features a polyester backing and is a removable and repositionable double-sided adhesive. It includes one side with a permanent adhesive and the other with a medium tack. It is suitable for temporary or resealable fixings, even in high temperatures. Thickness: 0.05 mm.



Additional items

Name	Color	Thickness	Application
3M 9084		0,10 mm	High adhesion, immediate fixing, quick setting, and solvent-resistant. PVC backing with high-performance acrylic adhesive.
3M 9087		0,26 mm	Attaching to smooth, rough, or textured surfaces with rapid setting and strong adhesion. PVC backing, acrylic adhesive.
3M 9077		0,05 mm	Perfect for repairing flexible printed circuit boards (FPC) and metals due to its ability to withstand high temperatures up to 260°C.
3M 9425HT		0,13 mm	Removable and repositionable double-sided adhesive, comprising one side of permanent adhesive and the other of medium adhesion.

● TRANSFER DOUBLE-SIDED ADHESIVE

They lack support, consisting of an extremely thin and see-through layer of adhesive, shielded by a liner. They adapt seamlessly to uneven surfaces, guaranteeing excellent handling and maneuverability on various materials, including the most challenging ones.

Adhesion Power kg/cm ²							
1	4	10	30	48	55	70	400
Transfer	Dual Lock	Adhesive sprays	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural



3M 467MP

It's 200 MP high-quality acrylic adhesive with outstanding shear, high-temperature, UV, and chemical resistance. Simple to die-cut and handle. Thickness: 0.05 mm.



3M 468MP

It's featuring 200 MP high-performance acrylic adhesive for superb resistance to cuts, high temperatures, UV rays, and chemicals. Simple to die-cut and handle. Thickness: 0.13 mm.



3M 7952M | 7962M

They're the double liner sheet versions of 3M 467MP transfer tape. 3M 7952M is manufactured with two 0.11 mm polythene kraft paper liners. In contrast, 3M 7962M features a dual liner of polythene-coated Kraft paper: one at 0.11 mm and the other at 0.16 mm.



3M 7955M | 7965M

They're the double liner sheet variations of 3M 468MP transfer tape. 3M 7955M is manufactured with two 0.11 mm poly-coated kraft paper liners. In contrast, 3M 7965M features a dual liner of polythene-coated Kraft paper: one at 0.11 mm and the other at 0.16 mm.



Additional items

Name	Color	Thickness	Application
3M 927		0,05 mm	Suitable for bonding materials with shiny finishes when a strong adhesive is needed.
3M 9605		0,05 mm	Offers a superb equilibrium of high initial adhesion and excellent cut protection.
3M 9040		0,18 mm	Featuring TNT support and rubber adhesive, it provides excellent processing options and optimal characteristics for die cutting.





● TRANSFER DOUBLE-SIDED ADHESIVE

Selecting these products offers numerous benefits: reduced thickness of the final product, exceptional flexibility, increased lightness in comparison to mechanical fasteners, manual or automatic application, and no required polymerization time.



Roll Cutter



Die Cutting

3M 9471 | 9472

It consists in a Kraft paper backing and 300 adhesive, these products are ideal for various surfaces, both easy and challenging to adhere to. They offer good resistance to UV rays and chemicals. 3M 9471 measures 0.05 mm in thickness, whereas 3M 9472 measures 0.13 mm.



3M 9471LE | 9472LE

It consists in a Kraft paper backing and 300 LSE adhesive, it is ideal for challenging surfaces like powder coated and low surface energy plastics (e.g. PPL). It offers excellent sealing strength and anti-lifting properties. 3M 9471LE is 0.05 mm thick, whereas 3M 9472LE is 0.13 mm thick.



Chosen Width | Length: 55 m



Chosen Width | Length: 55-165 m



3M 950

It provides excellent initial adhesion and strong shear holding power for adhering to most plastics and glossy coated materials. It has good resistance to solvents and humidity. Thickness: 0.13 mm.



3M 465

It has an high adhesion and excellent UV resistance, that make it a popular choice in the advertising and paper industries for bonding cardboard, light fabrics, and flexible plastic. Thickness: 0.05 mm.



Chosen Width | Length: 55 m



Chosen Width | Length: 55 m



3M 9773WL+ | 9775WL+

The 300MP+ adhesive guarantees outstanding performance up to 121°C, making it perfect for use on plastics, foams, wood, and fabrics. It comes with a white TNT backing. The thickness of 3M 9773WL+ is 0.07 mm, whereas the 3M 9775WL+ measures 0.13 mm.



3M 6035PC

The 300MP adhesive is resistant to cutting and peeling on various surfaces like plastics, metals, and foams. It has been tested according to SAE J1756 specifications. Thickness: 0.13 millimeters.



Chosen Width | Length: 55 m



Chosen Width | Length: 165 m



3M F9460PC | F9473PC

It's a double-sided VHB transfer tape that provides outstanding long-term adhesion and high-temperature resistance. The 3M F9460PC is 0.05 mm thick, whereas the 3M F9473PC is 0.26 mm thick.



3M 9626

It's an high-performance quick-setting acrylic adhesive is featured on a glassine paper backing to ensure excellent bonding on both easy and difficult plastic materials (HSE and LSE). Thickness: 0.13 mm.



Chosen Width | Length: 55 m



Chosen Width | Length: 55 m




● ATG TRANSFER ADHESIVE

They receive this name due to their compatibility exclusively with ATG 700 dispensers. These items consist of a thin, transparent adhesive mass without backing, shielded by a liner. They find extensive application across different industries like screen printing, publishing, and photography.



3M 904


It's a versatile adhesive for various light applications on metal laminates, plastics, fabrics, foam lamination, posters, photos, etc. Can endure temperatures of up to 70°C. Thickness: 0.05 mm.

 Standard widths (mm): 12 | 19
Standard lengths (m): 25 | 44



3M 924


It guarantees strong adhesion on various cartons for numerous general purposes. It is also exceptional on carpets, frames, photo albums, and more. It has high resistance to UV rays and solvents, withstanding temperatures up to 120°C. The thickness is 0.05 mm.

 Standard widths (mm): 6 | 12 | 19
Standard lengths (m): 33 | 55



3M 969

It's ideal for demanding tasks, providing exceptionally strong initial adhesion for adhering various plastics and shiny coated surfaces. Commonly utilized in automotive bonding or in composite assembly involving fiberglass/foam. Capable of withstanding temperatures up to 120°C. Thickness: 0.13 mm.

 Standard widths (mm): 12 | 19
Standard lengths (m): 16.5 | 33



3M 976

It's suitable for bonding plastic materials with glossy coatings, this adhesive provides strong initial adhesion and low thickness. It boasts excellent resistance to chemicals, humidity, and medium-high UV rays, withstanding temperatures up to 120°C. The thickness is 0.05 mm.

 Standard widths (mm): 6 | 12 | 19
Standard lengths (m): 25 | 55



● ATG TRANSFER ADHESIVE

Their versatility lies in their ability to conform perfectly to irregular surfaces and ensure secure adhesion on various materials. Additionally, the ATG application system enables quick, clean, and precise gluing.



[View the video](#)

3M 926


It's an ideal for a broad range of materials, for tasks needing exceptional strength, high shear resistance, superb solvent resistance, and high-temperature tolerance. Perfect for adhering household appliances, such as aluminum foil in ovens. It withstands temperatures up to 230°C. Thickness: 0.13 mm.




3M 928

It's featuring a TNT support and dual adhesive - one permanent and the other low tack for effortless removal and repositioning. Perfect for temporary bonding in retail or woodworking, it can withstand temperatures up to 80°C. Thickness: 0.05 mm.



 Standard widths (mm): 12
Standard length (m): 33



 Standard widths (mm): 12 | 19
Standard lengths (m): 16.5 | 33



3M ATG 700 Dispenser

It's a lightweight and portable applicator for transfer tapes that enables quick, simple, and controlled application with just one hand. It allows for rewinding the liner within the applicator, ensuring a consistent thickness on various surfaces.



3M ATG 700 Adapter

It's an adapter for 3M ATG 700 Dispenser tailored for ATG 924 and 976 double-sided adhesives, exclusively available in 6 mm width, enabling swift and precise application.



● DOUBLE-SIDED ADHESIVE OPTIONS

They uphold high standards for bonding and sealing, making them perfect for adhering various materials together, resulting in an almost invisible bond line.



732

It has a polyethylene backing and hot-melt glue with varying adhesion. Ideal for temporarily securing carpets needing easy removal on one side and strong adhesion on the other. Temperature range: -10 °C to +50 °C. Thickness: 0.15 mm.



 Chosen Width | Length: 25 m

737

It has a cotton gauze support and hot-melt adhesive are utilized for temporary carpet fixing, coupling felts and felt pads, reinforcing materials, and heel pads in the footwear industry. They can withstand temperatures ranging from -10 °C to +50 °C and have a thickness of 0.235 mm.



 Chosen Width | Length: 25 m

740 TRANSFER

It has a solvent-based acrylic adhesive is utilized in the paper converting and publishing industry for applications such as photos in albums, lining of cases, and labels. It should be applied using a special dispenser within a temperature range of -10 °C to +100 °C. The adhesive has a thickness of 0.04 mm.



 Width: 12 or 19 mm | Length: 33 m

760 TRANSFER

It has a cellulose non-woven support and hot-melt adhesive are utilized for pre-fixings in leather goods and the paper industry. They are suitable for laminating foams, papers, and plastics within a temperature range of -10 °C to +50 °C. Thickness: 0.09 mm.



 Chosen Width | Length: 50 m





DOUBLE-SIDED FOAM ADHESIVE

They're foam tapes with various adhesives and foam types like polyethylene, polyurethane, or PVC are known as general-purpose foam tapes. They are frequently utilized for attaching labels, seals, and decorations, offering advantages such as versatility, vibration dampening, and temperature resistance.

Adhesion Power kg/cm2							
1	4	10	30	48	55	70	400
Transfer	Dual Lock	Adhesive sprays	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural



3M 4008

It's a polyurethane foam with paper liner and acrylic adhesive is suitable for general assembly and indoor operations. It offers high resistance to cutting on metals and plastic materials, as well as to high temperatures. It also dampens and prevents vibrations. Thickness: 3.1 mm.



3M 4026

It's a polyurethane foam with paper liner and acrylic adhesive is suitable for general assembly and indoor operations. It offers high resistance to cutting on metals and plastic materials, as well as to high temperatures. This material dampens and prevents vibrations effectively. Thickness: 1.6 mm.



3M 4032

It's a polyurethane foam with paper backing and acrylic glue. Suitable for general indoor assembly tasks. Offers high resistance to cutting on metal and plastic, as well as high temperatures. Dampens and prevents vibrations. Thickness: 0.8 mm.



3M 9508B | 9508W

It's a polyethylene foam with acrylic adhesive is utilized for mounting displays, lightweight badges, and plaques. It offers excellent initial adhesion to various smooth surfaces such as metal, painted surfaces, glass, ceramics, and various plastics. It comes in black (W) or white (W) and has a thickness of 0.8 mm.



3M 9515B | 9515W

It's a polyethylene foam with acrylic adhesive is utilized for mounting displays, lightweight badges, and plaques. It possesses anti-vibration properties and is resistant to high temperatures, atmospheric agents, UV rays, and solvents. This material comes in black (W) or white (W) and has a thickness of 1.5 mm.



3M 4656

It has an acrylic adhesive and a transparent polyester liner, this product is designed for temporary fastening tasks and enables easy removal even after an extended period. It offers outstanding adhesion in low temperatures and has a thickness of 0.6 mm.



Additional items

Name	Color	Thickness	Application
9528 3M		0,8 mm	Polyethylene foam with rubber resin adhesive is appropriate for low-performance applications.
3M 9546		1,1 mm	Polyethylene foam with acrylic adhesive is designed to adhere to various challenging plastics, such as polypropylene and polyethylene.
3M 8610W		1,0 mm	Polyethylene foam with acrylic adhesive, ideal for general-purpose fastenings and connections.
3M 4614F		0,8 mm	Featuring acrylic adhesive, it offers strong sealing ability, high durability, and resistance.

● DUAL LOCK

When two Dual Lock are pressed together, hundreds of mushroom-shaped pedicles fit together with light pressure. This causes a quick audible click which confirms the coupling between the two parts.

Standard widths (mm): 12.5 | 19 | 25 | 50
Standard length (m): 45.7

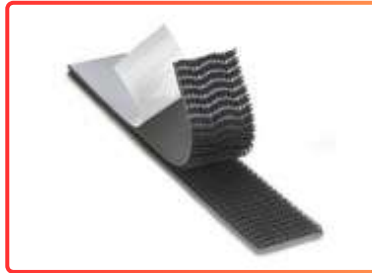


Adhesion Power kg/cm2							
1	4	10	30	48	55	70	400
Transfer	Dual Lock	Adhesive sprays	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural

SJ354x Series

Polypropylene and Polyethylene

It's intended for bonding acrylic, polycarbonate, ABS, polypropylene and polyethylene. Suitable for indoor use. It features a rubber adhesive. It's capable of up to 1,000 openings/closings. Thickness: 5.7 mm.



Product title	Stalks (cm2)	Adhesion
SJ3540	250	
SJ3541	400	
SJ3542	170	

SJ355x Series

Metals and Plastics

It's suitable for medium-soft plastics and a wide range of metals. Suitable for indoor and outdoor applications. It features white VHB acrylic adhesive. Capable of up to 1,000 openings/closings. Thickness: 5.7 mm.



Product title	Stalks (cm2)	Adhesion
SJ3550CF	250	
SJ3551CF	400	
SJ3552CF	170	

SJ3560 Series

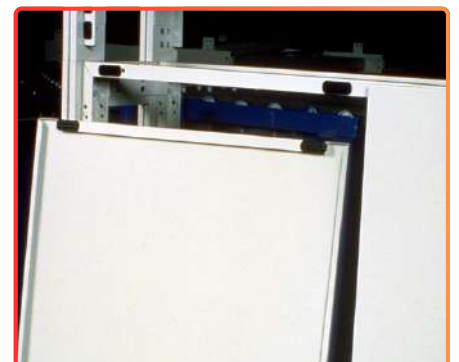
invisible Materials

It's intended for medium-soft plastics (acrylics, polycarbonates, and ABS) and suitable for indoor and outdoor applications. Withstands temperatures up to 104°C. It features transparent VHB acrylic adhesive. Capable of up to 1,000 openings/closings. Thickness: 5.7 mm.



Product title	Stalks (cm2)	Adhesion
SJ3560	250	

The combination of 170-170 peduncles and 400-400 peduncles is not advisable.





DUAL LOCK

The primary benefits of these products involve their ability to withstand extreme temperatures and plasticizers, the option to make corrections in case of mistakes, and the management of the seal and the opening/closing force.

Standard widths (mm): 12.5 | 19 | 25 | 50
Standard length (m): 45.7



SJ387x Series

Powder Coating

It's suitable for powder-coated surfaces, medium-soft plastics (acrylics, polycarbonates, and ABS), and metals. It features a black acrylic sticker and can withstand up to 1,000 openings/closings. Thickness: 6.1 mm.



Product title	Stalks (cm2)	Adhesion
SJ3870	250	
SJ3871	400	

SJ4570

Slim Connections

It's suitable for medium-soft plastics (acrylics, polycarbonates, and ABS) and a wide range of metals. It features a transparent acrylic adhesive and can withstand up to 150 openings/closings. Thickness: 2.49 mm.



Product title	Adhesive	Adhesion
SJ4570	300LSE	

SJ4580

Slim Connections

It's suitable for medium-soft plastics (such as acrylics, polycarbonates, and ABS) and a wide range of metals. It's intended for both indoor and outdoor applications. It's capable of up to 150 openings/closings. Thickness: 3 mm.



Product title	Adhesive	Adhesion
SJ4580	VHB 4905	



● HOOK & LOOP

It represents a velcro fastening system, consisting of two components: Hook comprises hooked and rigid elements, whereas Loop is the softer side made of fine fibers. To fasten, push together; to open, pull apart.

Standard widths (mm): 16, 25, 50.
Standard length (m): 45.7



Adhesion Power kg/cm2							
1	4	10	30	48	55	70	400
Transfer	Hook & loop	Adhesive sprays	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural

SJ351x Series

Fireproof

It's a fireproof resin rubber adhesive, tested for flame and extreme heat resistance, is utilized for sewing on fabric or other materials. It has a temperature range of -29°C to +70°C and a thickness of 3.6 mm.



Product	Type	Color
SJ3519FR	Hook	Black
SJ3518FR	Ring	Black

SJ352x Collection

Easy Bonding

This rubber adhesive is used for easy bonding on various materials such as plastics, metals, glass, and paper. It can withstand up to 5,000 openings and closings and shows excellent resistance to humidity. Thickness of 3.6 mm.



Product	Type	Color
SJ3526	Hook	Black/White
SJ3527	Ring	Black/White

SJ357x Series

High Temperatures

This acrylic adhesive is utilized for surfaces that are medium/easy to glue. It can withstand up to 5,000 openings/closings and is suitable for outdoor use, even in extreme temperatures ranging from -29°C to +93°C. Thickness: 3.6 mm.



Product	Type	Color
SJ3572	Hook	Black/White
SJ3571	Ring	Black/White



● CUSHION MOUNT

They're commonly utilized in the flexographic printing sector to secure printing clichés. These tapes feature an adhesive with microchannels for air release, facilitating the simple removal of the clichés.



	Serie 11	Serie 12	Serie 19	Serie 13	Serie 10	Serie 15	Serie 17	Serie 18	
	Nastri per retinature		Nastri per stampe miste					Nastri per testi, linee e fondi pieni	Spessore
Durezza	Bassa densità							Alta densità	
Adatto per	Retinatura: >95 Fondi pieni: <5	Lavori misti: >90 Fondi pieni: <10	Lavori misti: >80 Fondi pieni: <20	Lavori misti: ~80 Fondi pieni: ~20 Velocità stampa: >300 m/min.	Lavori misti: ~50 Fondi pieni: ~50	Lavori misti: ~40 Fondi pieni: ~60 Velocità stampa: >300 m/min.	Lavori misti: <20 Fondi pieni: >80 Velocità stampa: >300 m/min.	Lavori misti: <5 Fondi pieni: >95	
Proporzione tra lavori misti e fondi pieni									
VERSIONE E Bassa adesività lato cliché: - facilità di rimozione - applicazioni su cilindri con maggiore diametro - applicazioni con cliché a basso spessore	E1120	E1220	E1920	E1320	E1020	E1520	E1720	E1820	0,50 mm
	E1115		E1915	E1315	E1015	E1515	E1715	E1815	0,38 mm
					E1040				1,00 mm
					E1060				1,50 mm
VERSIONE EH Alta adesività lato cliché: - maggior adesività al cliché - applicazioni su cilindri di diametro ridotto - applicazioni con cliché ad alto spessore	E1120H		E1920H	E1320H	E1020H	E1520H	E1720H	E1820H	0,50 mm
	E1115H	E1215H	E1915H	E1315H	E1015H	E1515H	E1715H	E1815H	0,38 mm
VERSIONE L Bassa adesività lato cliché/ riposizionabilità: - rimozione del cliché facile e pulita anche in presenza di residui di inchiostro - NO plate lifting anche su cilindri di diametro ridotto	L1120	L1220	L1920	L1320	L1020	L1520	L1720	L1820	0,50 mm
	Massima precisione nelle stampe retinate.	Massima precisione nella stampa serigrafica.	Predominanza di retinature e mezzetinte.	Fondi pieni e mezzetinte in eguale proporzione. Alta velocità di stampa.	Fondi pieni e mezzetinte in eguale proporzione.	Fondi pieni in combinazione con mezzetinte e tratti. Alta velocità di stampa.	Leggera predominanza di fondi pieni sulle mezzetinte.	Netta predominanza di fondi pieni e testo.	



● CUSHION MOUNT

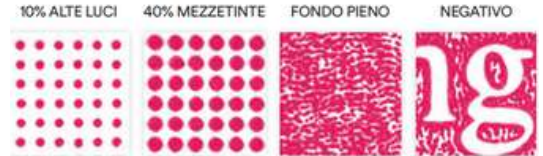
These tapes ensure a secure edge seal to avoid lifting and are produced with precise gauge tolerances to guarantee uniform thickness throughout the entire roll.



Read the Guide for Selection

3M Series 11 **Extremely Low Density**

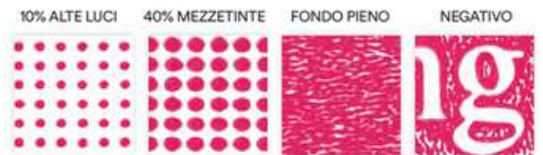
Light brown color. It maximizes pixel reproduction, ensures precision in halftone prints, and controls ink transfer effectively.



E1120 | E1120H | L1120: 0.50 mm
E1115 | E1115H: 0.38 mm

3M Series 12 **Low Density**

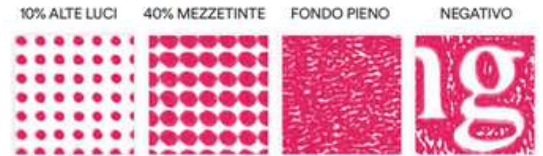
Orange color. It ensures maximum precision in high-speed printing and screen printing processes.



E1220 | L1220: 0.50 mm
E1215H: 0.38 mm

3M Series 19 **Low Density**

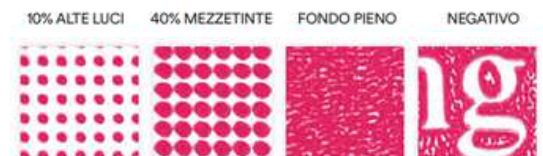
Pink color. It ensures excellent quality in screening and thin lines, with minimal solid background presence.



E1920 | E1920H | L1920: 0.50 mm
E1915 | E1915H: 0.38 mm

3M Series 13 **Medium/Low Density**

Yellow color. It ensures excellent quality in mixed prints, high-quality negatives, rich halftones, and faster print speeds with a wide color gamut.



E1320 | E1320H | L1320: 0.50 mm
E1315 | E1315H: 0.38 mm





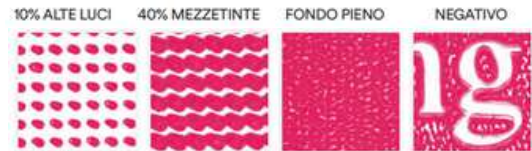
● CUSHION MOUNT

It's a 3M technology that enables the creation of a continuous and permanent network of microchannels in the adhesive through a crossed pattern, facilitating the passage of air to escape from both sides of the tape.



3M Series 10 Medium Density

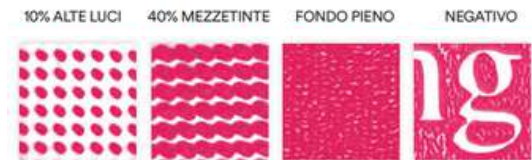
White color. It ensures excellent quality in mixed prints and good quality in lines, solid backgrounds, and halftones.



E1060: 1.50 mm | E1040: 1.0 mm
E1020 | E1020H | L1020: 0.50 mm
E1015 | E1015H: 0.38 mm

3M Series 15 Medium/High Density

Purple color. It's ideal for high-speed printing, producing sharp texts, solid negatives, and backgrounds while minimizing vibrations during the process.



E1520 | L1520: 0.50 mm
E1515H: 0.38 mm

3M Series 17 Increased Density

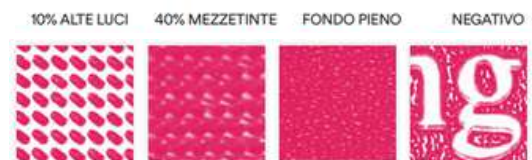
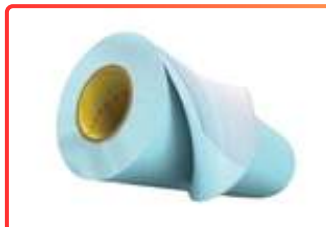
Aqua green color. It ensures superior quality for solid and opaque backgrounds, as well as rich halftones and exceptional line quality.



E1720 | E1720H | L1720: 0.50 mm
E1715 | E1715H: 0.38 mm

3M Series 18 High Density

Blue color. It ensures excellent quality for solid backgrounds, opaque backgrounds, strokes, and high ink transfer, without any deficiencies or hole formation.















E1320 | E1320H | L1320: 0.50 mm
E1315 | E1315H: 0.38 mm



Application Market

Liquid Adhesive

												
Structural	●	●	●	●		●	●	●	●	●	●	●
Instant	●	●		●		●		●	●		●	●
Spray	●	●	●	●	●		●	●	●	●	●	●
Hot Melt	●		●		●		●			●		●
PUR Adhesive	●	●						●				●
Solvent-based		●						●				●
Water-based	●	●						●				●
Sealants	●	●						●	●		●	●



General Industry



Transportation



Pharmaceuticals



Metalworking



Food & Beverage



Electronics & Energy



Paper Production



Construction & Furniture



Mechanics



Textile



Logistics



Distributor

Surface Applications

Materials with a surface energy less than 36 dynes/cm include PTFE, Polyvinyl, Polypropylene (PPL), Polyethylene (PET), EVA, Polystyrene, and PVA.

DIFFICULT
Low Surface Energy

LSE

Materials ranging from 36 dynes/cm to around 300 dynes/cm include PPE, rigid PVC, ABS, polycarbonate, polyurethane, polyester, nylon, polyimide, wood, concrete, glass, leather.

MEDIUM
Medium Surface Energy

MSE

Materials with surface energy greater than 300 dynes/cm include Ceramic, Porcelain, Lead, Tin, Zinc, Aluminium, Stainless Steel, and Copper.

EASY
High Surface Energy

HSE

● BICOMPONENT STRUCTURAL ADHESIVES

Based on modified acrylic resin, these materials can endure significant mechanical stress, replacing conventional joining techniques with remarkable technological benefits, enabling the production of lighter and more stylish products.

Adhesion Power kg/cm ²							
1	4	10	30	48	55	70	400
Transfer	Dual Lock	Adhesive sprays	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural

Railway & Aviation



Metalworking



Composite Materials



Navigation



Posters and Signs



Home Appliances



Electronics



Sports



● BICOMPONENT STRUCTURAL ADHESIVES



	Metal	Powder coating	Composite materials	Easy Plastic	Difficult Plastic	Rubber	Wood	Glass, ceramics, stones	Skin*
Metal	ACR EPO	ACR	FUEL	FUEL	ACR**	FUEL	EPO POL	ACR EPO POL	EPO POL
Powder coating	ACR	ACR	ACR	ACR	ACR**	ACR POL	EPO POL	ACR POL	EPO POL
Composite materials	FUEL	ACR	EPO POL	EPO POL	ACR**	FUEL	EPO POL	EPO POL	EPO POL
Easy Plastic	FUEL	ACR	EPO POL	ACR EPO POL	ACR**	FUEL	EPO POL	EPO POL	EPO POL
Difficult Plastic	ACR**	ACR**	ACR**	ACR**	ACR**	ACR**	ACR**	ACR**	ACR**
Rubber	FUEL	ACR POL	FUEL	FUEL	ACR**	POL	POL	ACR EPO POL	EPO POL
Wood	EPO POL	EPO POL	EPO POL	POL	ACR**	POL	POL	EPO POL	EPO POL
Glass, ceramics, stones	EPO POL	EPO POL	EPO POL	EPO POL	ACR**	ACR EPO POL	EPO POL	POL	EPO POL
Skin*	EPO POL	EPO POL	EPO POL	EPO POL	ACR**	EPO POL	EPO POL	EPO POL	EPO POL

Use solely versatile adhesives. Utilize only 3M DP8005 or DP8010.

● STRUCTURAL ADHESIVES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

Rigid Epoxy

Their sturdy design provides secure attachment, ensuring optimal performance with increased durability against high temperatures, solvents, and environmental elements.

They bond effectively with metals, composite materials, medium/easy plastics, rubber, and wood. Typically, surface cleaning and abrasion are necessary for optimal adhesion. They come in 48.5/50 ml or 400 ml cartridge sizes.



Time:

Product	Mix Ratio	Color	Worklife (within)	Adhesion (After)	Viscosity	Description
DP100* DP100NS*	1:1		3-5 min	15-20 min	Fluent	Metals, glass, ceramics, and other materials with high static load resistance are ideal for potting and comply with UL 94 HB.
DP270	1:1		70 min	4-6 h	Fluent	Ideal for electronic applications like potting, sealing, and protection. It is non-corrosive to copper, does not generate heat, and retains outstanding dimensional stability when bonding optical components. Compliant with UL 94 HB.
DP760	2:1		45-60 min	4-6 h	Thixotropic	Especially ideal for withstanding extremely high temperatures up to 230°C and for adhering metals.

*48.5 milliliters only



● STRUCTURAL ADHESIVES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

Versatile Epoxy

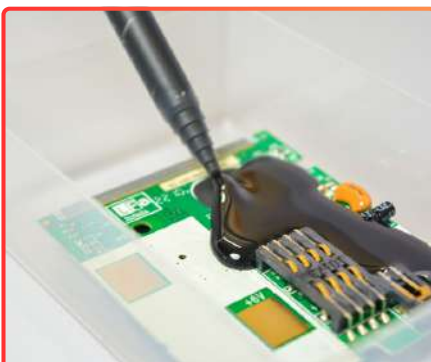
They're comprising a highly flexible structure, they guarantee excellent performance with strong resistance to high temperatures, solvents, and atmospheric agents.

They bond effectively to metals, composite materials, medium/easy plastics, rubber, wood, glass, ceramic, stone, and leather. Typically, surface cleaning and abrasion are necessary for optimal adhesion. Offered in 48.5/50 ml or 400 ml cartridge sizes.



Product	Mix Ratio	Color	Time:		Viscosity	Description
			Worklife (within)	Adhesion (After)		
DP100 Plus*	1:1		3-5 min	20 min	Fluent	Offers durable, lasting connections even when exposed to vibration and shock. Exhibits good resistance to cutting and peeling. Ideal for bonding dissimilar materials and creating nearly invisible bonds.
DP105*	1:1		4-5 min	20 min	Fluent	Especially appropriate for dissimilar materials with varying expansion coefficients. High mechanical strength. Perfect for potting. Extremely flexible.
DP110*	1:1		8-10 min	20 min	Regulated scrolling	Ideal for bonding different materials, metals, and medium/easy plastics. Durable, with outstanding resistance to static and dynamic loads.
DP125	1:1		25 min	2-3 h	Regulated scrolling	Recommended for bonding dissimilar materials, metals, and medium/easy plastics where flexibility and resistance to peeling are crucial.
DP190	1:1		90 min	4-6 h	Regulated scrolling	Ideal for medium/easy plastics, certain rubber types, and metals. Highly flexible and resistant to peeling. Compliant with UL 94 HB.

*48.5 milliliters only



● STRUCTURAL ADHESIVES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

Reinforced Epoxy

They provide strong resistance to cutting, peeling, impacts, high stresses, and challenging conditions, both static and dynamic loads.

They bond effectively to metals, composite materials, medium/easy plastics, rubber, wood, glass, ceramic, stone, and leather. Typically, surface cleaning and abrasion are necessary for optimal adhesion. Offered in 48.5/50 ml or 400 ml cartridge sizes.



Product	Mix Ratio	Color	Time:		Viscosity	Description
			Worklife (within)	Adhesion (After)		
DP410	2:1	○	8-10 min	30 min	Thixotropic	High durability against impacts and static and dynamic loads, even when used outdoors. Strong mechanical and weather resistance. Non-dripping. Suitable for metals.
DP420 DP420NS	2:1	●	20 min	2 hz	Regulated scrolling	High impact and stress resistance. Ideal for bonding different metals, including carbon fiber. Compliant with UL 94 HB standards. Non-dripping.
DP460	2:1	○	60 min	4-6 h	Regulated scrolling	Resembling the DP410, yet sleeker. Compliant with UL 94 HB. Perfect for metals, particularly for crafting golf clubs.
DP490	2:1	●	90 min	4 h	Thixotropic	Outstanding durability against static and dynamic loads, even at elevated temperatures of up to 120°C. Strong resistance to impacts and environmental elements. Particularly suitable for use on metals, particularly carbon fiber and composites.
DP7240FR*	2:1	●	40 min	6 h	Thixotropic	Appropriate for metal-to-metal adhesion. Complies with FAR25's self-extinguishing standards. Approved for railway and naval applications.
DP7260*	2:1	●	300 min	24 h	Regulated scrolling	Ideal for metals and thermoset materials. Enhanced adhesion on aluminum and stainless steel. Exceptional longevity.

* 400 milliliters only



● STRUCTURAL ADHESIVES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

Metal Acrylics

These adhesives offer durable adhesion with outstanding cut, peel, and impact resistance. They adhere to various medium/easy plastics and metals, even those with slightly oily surfaces. They possess non-sag properties suitable for vertical surfaces and quickly attain structural strength. They are offered in 45 ml or 490 ml cartridges.



Product	Mix Ratio	Color	Time:		Viscosity	Description
			Worklife (within)	Adhesion (After)		
DP8405NS	10:1	Green	5 min	15 min	High Viscosity	It offers high impact resistance and is non-dripping. It achieves adhesive strength quickly.
DP8407NS	10:1	Grey	7 min	25 min	High Viscosity	Specifically formulated to adhere securely to exposed and powder-coated metals, withstanding temperatures up to 204°C for a duration of one hour.
DP8410NS	10:1	Green	10 min	25 min	High Viscosity	It offers high impact resistance and is non-dripping. It achieves adhesive strength quickly.
DP8425NS	10:1	Green	25 min	50 min	High Viscosity	It offers high impact resistance and is non-dripping. It achieves adhesive strength quickly.

Acrylic for Nylon

It's specially formulated for bonding nylon (polyamides) without requiring pretreatment, and for bonding steel, aluminum, composites, and many plastics commonly used in the transportation and sporting goods markets. Additionally, it has a mild odor. Available in 45 ml or 490 ml cartridges.



Product	Mix Ratio	Color	Time:		Viscosity	Description
			Worklife (within)	Adhesion (After)		
DP8910NS	10:1	Black	10 min	15-20 min	Thixotropic	High-temperature resistance is excellent. Meets UL 94 HB requirement. Non-dripping and solvent-free.

● STRUCTURAL ADHESIVES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

Acrylics for LSE Plastics

Formulated specifically to adhere to various low surface energy plastics, such as different types of polypropylene, polyethylene, and thermoplastic elastomers without requiring special surface preparation. Outstanding impact resistance.
45 ml or 490 ml cartridge sizes.



Product	Mix Ratio	Color	Time:		Viscosity	Description
			Worklife (within)	Adhesion (After)		
DP8005	10:1	●●	3 min	2-3 h	Regulated scrolling	Resistant to various chemicals, water, moisture, and corrosion.
DP8010	10:1	●	10 min	1-2 h	Thixotropic	Resistant to various chemicals, water, moisture, and corrosion. Has a low odor.

Versatile Acrylics

This formulation is low odor and non-flammable. It offers high elongation and is suitable for bonding metals, composite materials, and medium/easy plastics, especially for flexible or thin panel applications where 'marking' of the bond line is an issue.
45 ml or 490 ml cartridges.



Product	Mix Ratio	Color	Time:		Viscosity	Description
			Worklife (within)	Adhesion (After)		
DP8610NS	10:1	●	10 min	18 min	Thixotropic	Elongation exceeding 200%. Compliant with UL 94 HB. Non-dripping and slip-resistant.
DP8625NS	10:1	●	21 min	28 min	Thixotropic	Elongation exceeding 400%. Compliant with UL 94 HB. It does not drip and is slip-resistant.

● STRUCTURAL ADHESIVES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

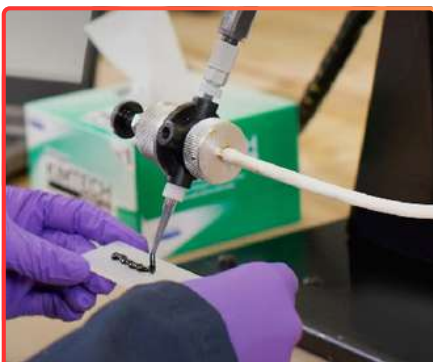
**Low-Odour
Tenacious Acrylic**

Ignify, low-odor, and durable items, perfect for bonding medium/easy plastics and metals, including powder-coated surfaces. They achieve structural strength twice as quickly as the majority of commercial acrylic adhesives, with a comparable open time. Offered in 45 ml or 490 ml cartridge sizes.



Product	Mix Ratio	Color	Time:		Viscosity	Description
			Worklife (within)	Adhesion (After)		
DP8805NS	10:1		5 min	10 min	High Viscosity	A durable seal with outstanding cut and impact resistance is achieved. It does not droop and attains adhesive strength more rapidly than conventional acrylic adhesives.
DP8810NS	10:1		10 min	20 min	High Viscosity	A durable seal with outstanding cut and impact resistance is achieved. It does not droop and attains adhesive strength more rapidly than conventional acrylic adhesives.
DP8825NS	10:1		25 min	50 min	High Viscosity	A durable seal with outstanding cut and impact resistance is achieved. It does not droop and attains adhesive strength more rapidly than conventional acrylic adhesives.
DP810NS*	1:1		10 min	20 min	Regulated scrolling	It ensures superb cut and peel resistance, withstands impacts, does not drip, and has lower odor than conventional acrylic adhesives.

*48.5 and 400 ml cartridge



STRUCTURAL ADHESIVES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

Low-Odour Acrylic

They're low odor, non-flammable properties, and low toxicological risk, these are an enhanced iteration of traditional low-odor acrylics. They provide increased flexibility, impact resistance, peel resistance, and excellent performance in low temperatures. They bond well to various substrates such as metals, painted surfaces, plastics, and composites. They come in 45 ml or 490 ml cartridges.



Product	Mix Ratio	Color	Time:		Viscosity	Description
			Worklife (within)	Adhesion (After)		
DP8705NS	10:1	●	5 min	6 min	Thixotropic	High performance at low temperatures with structural integrity down to -40°C. Non-dripping.
DP8710NS	10:1	●	10 min	13 min	Thixotropic	High performance at low temperatures with structural integrity down to -40°C. Non-dripping.
DP8725NS	10:1	●	23 min	25 min	Thixotropic	High performance at low temperatures with structural integrity down to -40°C. Non-dripping.



● STRUCTURAL ADHESIVES

To enhance bonding quality, it is advisable to use an adhesion promoter (page 71).

Polyurethane

It's known for its outstanding impact resistance and strong adhesion to various materials such as glass, wood, concrete, rubber, and medium/easy plastics. It does have lower resistance to solvents and high temperatures. Comes in 48.5ml or 400ml cartridges.



Product	Mix Ratio	Color	Time:		Viscosity	Description
			Worklife (within)	Adhesion (After)		
DP604NS	1:1	●	4 min	20 min	Thixotropic	It promotes strong connections quickly and is perfect for fastening different materials. It does not drip.
DP609	1:1	○	7-9 min	30-45 min	Fluent	It possesses excellent deformability and is flexible and resilient when subjected to stress across a broad range of temperatures.
DP610	1:1	⊙	10 min	2 h	Fluent	UV and yellowing resistance make it ideal for applications where transparency is a crucial factor in the long run.
DP620NS	1:1	●	20 min	4 h	Thixotropic	It features outstanding impact resistance and adheres readily to different substrates. It also offers low temperature flexibility and minimal shrinkage.
DP6310NS	1:1	●	10 min	45 min	High viscosity	It provides outstanding bonding strength and performance for multi-material composites. The excellent flexibility makes them appropriate for bonding dissimilar materials with varying thermal expansion coefficients. There is no dripping.
DP6330NS	1:1	●	30 min	2 h	High viscosity	Similarities to 3M DP6310NS but with slower workability and adhesive strength attainment.



● APPLICATOR AND ACCESSORY

The use of structural two-components necessitates an applicator (manual or pneumatic), a plunger, and a nozzle, depending on the cartridge volume and mixing ratio.



[View the video](#)

3M EPX Manual Applicator

Ratios of 1:1, 2:1, or 10:1

Epoxies: all in a 48.5/50 ml

Acrylics: all in a 45 ml

Polyurethanes: all in a 48.5 ml



3M EPX Pneumatic Applicator

Ratios of 1:1, 2:1, or 10:1

Epoxies: all in a 48.5/50 ml

Acrylics: all in a 45 ml

Polyurethanes: all in a 48.5 ml



EPX applicator

Ratio 1:1 and 2:1

Epoxies: all in 400 ml

Acrylics: only the 400 ml DP810

Polyurethanes: all in 400 ml



Manual



3M Automatic

3M EPX applicator

Ratio 10:1

Acrylics: all contained in a 490 ml



3M Manual



3M Automatic

3M Plunger

Ratio 1:1 2:1

Epoxies (all types)

Acrylics (only DP810)

Polyurethanes (all types)



3M Plunger

Ratio 10:1

Acrylic (excluding DP810)



3M Nozzle T

Ratio 1:1 2:1

Cartridges 48,5|50 ml

Epoxies (all types)

Acrylics (only DP810)

Polyurethanes (all types)



3M Nozzle P

Ratio 10:1

Cartridges 45 ml

Acrylic (excluding DP810)



3M J Nozzle

Ratio 1:1 2:1

Cartridges 400 ml

Epoxies (all types)

Acrylics (only DP810)

Polyurethanes (all types)



3M Q Nozzle

Ratio 10:1

Cartridges 490 ml

Acrylic (excluding DP810)



● **SINGLE-COMPONENT ADHESIVES**

They undergo a curing process using heat, leading to outstanding strength even under high temperatures. These adhesives are highly durable in challenging conditions, able to withstand extreme heat, cold, humidity, and various solvents.



3M 2214R | 2214HT

3M 2214R adhesive is formulated for bonding metals and plastics like those reinforced with glass fiber, polyester, and phenols at elevated temperatures, up to 121°C. 3M 2214HT provides equivalent performance but has higher density, resulting in very thick beads without any air bubbles. It meets the UL94 HB standard.



3M 5005

It's specifically designed for the structural attachment of various wood types, including those with high moisture levels and challenging-to-attach exotic woods. It is solvent-free, fast-setting, and exhibits outstanding water resistance. Ideal for outdoor uses (class D4).



● **INSTANT ADHESIVES**

They're cyanoacrylates polymerize rapidly by reacting with moisture. This quick reaction results in a short setting time, achieving manipulation resistance in just seconds.



3M SILICONE GEL

It's a fast-setting glue with high viscosity enables immediate filling of cracks. It is compatible with all surfaces and can be adjusted in around 20-60 seconds.



Available in 20 or 300-gram options.

3M SF100

It's a high-speed low viscosity glue enabling the creation of fine adhesive lines. It adheres to leather, cork, wood, plastic, and rubber. It's adjustable within about 4-30 seconds.



Available in 20 or 500-gram options.

3M PR100

It's a low viscosity instant adhesive designed to provide outstanding performance on challenging-to-bond materials like EPDM, nylon, ABS, PVC, and rubber. It's manipulable within about 10-20 seconds.



Available in 20 or 500-gram options.

3M PR1500

It's a high-viscosity, high-strength instant adhesive designed to provide outstanding performance on challenging-to-bond materials like EPDM, nylon, ABS, PVC, and rubber. It can be manipulated in around 20-60 seconds.



Available in 50 or 500-gram options.



● ADHESIVE SPRAYS

They're utilized in various goods handling scenarios where adjusting friction levels is essential. Additionally, they are self-lubricating, decreasing the noise and vibration of machinery and equipment. Cans of 500 ml.

Adhesion Power kg/cm ²							
1	4	10	30	48	55	70	400
Transfer	Dual Lock	Adhesive sprays	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural

3M Spray 74

It's fast-acting adhesive with gentle, non-wrinkling bond lines. Bonds textiles, foam, and upholstery to various surfaces and each other. Provides a bonding window ranging from 15 seconds to 30 minutes. Delivers quick and accurate outcomes.



3M Spray Super 77

It provides strong adhesion that sticks to a broad range of lightweight materials like fiberglass, foam, paper, felt, wood, plastic, and others. Its composition enables a strong initial grip and ample time to adjust the materials accurately.



3M Spray 80

It's a high-resistance, contact-based neoprene adhesive is an ideal solution for bonding leather, rubber, and vinyl. It offers good resistance to plasticizers and heat, up to temperatures of 90°C.



3M Spray 90

It forms strong bonds on various materials like metal, wood, HPL, rubber, carpet, and flooring. It is perfect for applications needing high initial adhesion and quick attainment of final levels. It can endure temperatures up to 80°C.



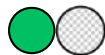
3M Spray 71

It tailored to enhance the ultimate strength of composites during dry layup and infusion processes. It possesses strong initial adhesion and enables thorough coverage.



3M Spray 75

It's a versatile and repositionable adhesive, perfect for securing and adjusting various lightweight materials. Enables a variety of stickiness for lifting and repositioning surfaces.



● ADHESIVE SPRAYS

The Mount series is specifically designed for graphic arts, design, and printing.



[View the video](#)

3M Spray Mount

It offers superb initial adhesion while enabling temporary lifting and repositioning of your work. Perfect for model making, typesetting, graphics, fastening projects, display boards. Not recommended for vinyl or expanded polystyrene materials.



3M Display Mount

Versatile, high-strength glue for permanent bonding and attachment. Specifically crafted for exhibition sets, studios, theater sets, exhibition work, and other demanding applications. Suitable for adhering porous and non-porous materials.



3M Photo Mount

A strong adhesive that offers immediate and lasting adhesion. It sets slowly, allowing a brief period for precise placement before it fully sets.



3M Re Mount

Lightweight adhesive that provides temporary, easily removable, and non-permanent adhesion, allowing for multiple removal and repositioning operations without additional applications.



3M Spray 08080

It's commonly utilized in automotive repairs, this adhesive easily bonds various fabric components, such as car headliners, carpets, and vinyls with canvas backing. The adjustable anti-clogging nozzle allows for customization of the width as needed.



3M Dry Lap PN09091

Sprayable, high-adhesion, quick-drying synthetic elastomeric adhesive primarily utilized for laminating fiberglass materials.



Available in 500 ml

Available in a 467 g container





HOT-MELT ADHESIVES

Solvent-free adhesives liquefy when heated and solidify rapidly when applied to surfaces, forming robust bonds with various materials.

Available in boxes weighing 5 or 10 kg.

Adhesion Power kg/cm2							
1	4	10	30	48	55	70	400
Transfer	Dual Lock	Adhesive sprays	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural

3M 3738Q

It's a versatile adhesive for bonding wood, metals, and certain plastics in furniture, upholstery, and joinery projects. Suitable within 50 seconds.



3M 3748Q

It's durable, adaptable adhesive with outstanding low-temperature thermal shock characteristics and exceptional electrical properties, making it a perfect choice for electrical uses. Suitable within 50 seconds.



3M 3762Q | LM

3M 3762Q is designed for sealing packaging and closing cardboard boxes, including corrugated ones. 3M 3762LM version serves the same purpose but has a lower melting point for heat-sensitive surfaces at temperatures.



3M 3764Q

It's formulated for adhering plastics and polyolefins, such as ABS, PVC, polycarbonate, polypropylene, and polyethylene. It also provides strong resistance to cutting and peeling. Suitable within 25 seconds.



3M 3779Q

It's designed for high resistance to heat, shock, fuel, and oil, this product is efficient for various electronic applications like encapsulation and coating. Suitable within 25 seconds.



3M 3789Q

It's crafted to create a strong bond that is resistant to fuel and oil, suitable for use on metals, plastics, vinyl, wood, and various other surfaces. It also provides effective heat resistance of up to 104°C and allows for repositioning within 50 seconds.



3M 3792Q

It has a medium viscosity adhesive is utilized to bond wood, metals, and certain plastics in furniture, upholstery, and joinery. The 3M 3792LM variant serves the same purpose but features a reduced melting point for heat-sensitive surfaces. It is suitable for use within 50 seconds.



Hot Melt Applicator TC-Q | TC-Q LM

It's designed for 220V for low power consumption. Simple to operate and durable, it heats up in only 6 minutes and includes an illuminated on/off switch. Available in the standard version and the LT version for lower application temperatures. It is also feasible to replace a Q or TC type hot melt adhesive stick.



● PUR REACTIVE ADHESIVES

They blend the quickness of a hot-melt adhesive with the durability of a polyurethane adhesive. The bonding process happens in two stages: the adhesive cools and solidifies similar to a hot-melt adhesive, but undergoes polymerization in about 24/48 hours due to the air's humidity. They possess flexibility and are resilient to temperatures, vibrations, and impacts.

Available in a 265 ml size.

Adhesion Power kg/cm ²							
1	4	10	30	48	55	70	400
Transfer	Dual Lock	Adhesive sprays	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural

3M PUR TE031

It's suitable for repairing polystyrene, polyacrylic, and other plastics. The cured product achieves a final strength of over 6 MPa. It can be extruded, has a 2-minute open time, and reaches adhesive strength in about 30 seconds.



3M PUR TE100

It's a low-viscosity extrudable adhesive designed for use with wood and certain plastic materials. It includes a UV indicator for quality control purposes. The open time is 2 minutes, with adhesive strength achieved in about 60 seconds.



3M PUR TS230

It's a product that can be sprayed or extruded with an extended setting time for bonding various plastic materials, such as polystyrene and polyacrylic. It has an open time of 4 minutes, with adhesive strength achieved in about 150 seconds.



3M PUR TE200

It's an extrudable adhesive with moderate setting time, low viscosity, suitable for use with wood and certain plastics. It includes a UV indicator for quality control. It has an open time of 4 minutes, with adhesive strength achieved in about 120 seconds.



3M PUR Easy 250 Applicator
3M PUR adhesive





SOLVENT-BASED ADHESIVES

They're formulated to guarantee high-performance bonding, these products are characterized by speed and cleanliness, making them versatile for application by brush in various production processes.

Available in 1, 5.20-liter formats.

Adhesion Power kg/cm2							
1	4	10	30	48	55	70	400
Transfer	Dual Lock	Solvent-Based	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural

3M 10

It's a neoprene adhesive that's brushable. It offers excellent moisture and heat resistance and performs well up to 148°C. It provides immediate adhesion and is perfect for bonding leather, wood, rubber, assembling gaskets, and metals.



3M 1300

It's a neoprene adhesive with high performance, that provides strong immediate adhesion and effective heat resistance up to 148°C. Ideal for securing various rubber and seal materials, as well as for applying rubber sheets on extensive areas like bumpers.



3M 1099

It's a high-resistance, contact-based nitrilic adhesive that is ideal for bonding leather, rubber, and vinyl, including paint stripping. It offers good resistance to plasticizers and heat, up to temperatures of 90°C.



3M 847

It's a nitrilic and versatile adhesive, with relatively low viscosity for easy application. It provides good resistance to both oil and heat and is commonly used to bond most rubber and gasket materials.



3M 1357

It's a neoprene adhesive with extreme grip and high-temperature resistance. Rapid increase in strength. Compliant with the MMM-A-121 standard.



3M 4693

It's a synthetic rubber adhesive that's excellent for challenging plastics like polypropylene, polyethylene, and high impact polystyrene. It offers resistance to water, heat, and aging.



● WATER-BASED ADHESIVE

This method relies on water as the primary medium for the bonding material. The bonding polymers are distributed in the water, and as the water evaporates, a robust bond forms between the surfaces. Water-based adhesives are deemed safer than solvent-based ones due to their reduced volatile organic compound (VOC) content and lower flammability.



3M 30NF

It forms a highly durable bond that can withstand high temperatures and sets within 4 hours. Bonds various foamed plastics, laminated plastics, wood, plywood, wood veneer, and fabrics together. The blue variant aids in identifying the glued area.



3M 49

It is crafted to provide a strong hold that gives excellent initial adhesion and ample time to adjust materials accurately. Bonds lightweight materials like fiberglass insulation, felt, fiberglass, paper, and other materials to metal and various surfaces.



Available in 1, 5, 6, 20, 200-liter formats.



Available in a 20-liter format.



3M 1000NF

It presents a quicker setting time compared to the majority of single-component adhesives and attains a handling time in about one minute, allowing for a continuous production process. It sticks to various kinds of flexible foam or latex, fabric, fiber, canvas, wood, plywood, chipboard, and various plastic and metal surfaces. The brown variant simplifies the identification of the adhesive area.



3M 2000NF

Designed for high-temperature resistance, exceeding 110°C, this adhesive provides quick bonding and handling without the need for forced drying. It can bond various materials including flexible polyurethane and latex foams, plastic laminates, wood, plywood, particleboard, fabrics, fibers, aluminum, galvanized steel, and numerous plastics. An activator is necessary for use, and the blue variant aids in identifying the adhesive area.



Available in 3.78 or 18.9-liter format.



Available in 2 L (activator) + 17 L or 200 L (activator) + 200 L format.





● SEALANT ADHESIVES

They represent a versatile option for various marine, construction, automotive, or industrial uses. Upon contact with moisture, they undergo polymerization, reaching their maximum strength and forming a strong seal. They can also be applied using a nozzle and silicone applicator.

Available in formats of 290 ml, 310 ml, or 600 ml.

Adhesion Power kg/cm ²							
1	4	10	30	48	55	70	400
Transfer	Dual Lock	Solvent Based	Foam / VHB	Hot-Melt	Sealants	PUR adhesive	Structural

3M 540

It's a versatile and moisture-curing polyurethane adhesive, used for filling gaps and forming durable and flexible connections, with the ability to stretch up to 800%. Commonly utilized in the transportation industry.



3M 560

It's a polyurethane adhesive that's perfect for situations where increased strength is needed, such as attaching panels to various materials like plastics, FRP, SMC, aluminum, steel, coated metal, and wood.



3M 590

It's specifically designed with fast curing and high viscosity for repairing windshields, side windows, or rear windows that need structural repair. It has undergone impact tests (FMVSS 212) and is best used with primer.



3M 740

It's an hybrid adhesive provides outstanding UV resistance and durable flexibility. Its permanent elasticity accommodates joint movement. It is also paintable while wet and cures in 40-60 minutes.



3M 760

It's an hybrid, elastomeric adhesive with an anti-sagging formula that bonds and seals a wide range of substrates above or below the waterline. It is paintable when wet and does not degrade when exposed to UV rays.



3M 4000UV

It's an adhesive that forms a dense and flexible waterproof seal when it cures. Renowned for its exceptional UV resistance, it is perfect for glass curtain wall installations, whether above or below the waterline.



3M Sealant Applicator

It's a lightweight, well-balanced aluminum tool, created to extrude sealants of different sizes. The 3M 08007 version works with 600 ml bags, whereas the 08012 version is compatible with 310 ml cartridges.



3M 5200

It exhibits exceptional durability and retains this quality whether above or below the waterline. Additionally, it stays flexible and conforms to the structure's geometries. It is known for its outstanding resistance to atmospheric agents and seawater, forming waterproof connections.



Additional items

Name	Color	Application
3M 550		It adheres rapidly and seals vertical and horizontal expansion joints, control joints in concrete and masonry. It remains permanently elastic to accommodate joint movement.
3M 4200FC		It provides a versatile seal and is certified as compliant with the Marine Equipment Directive (MED 96/98/EC). Suitable for use above or below the waterline.
3M 3200		Silicone adhesive with anti-sag formulation. Great resistance to mold, weather, vibrations, and extreme temperatures. Bonds to metal, glass, wood, ceramic, paint.

CAR WRAPPING

An innovative and convenient solution compared to traditional repainting, the 3M 2080 series is a long-lasting multi-layer adhesive film designed for complete or partial vehicle wrapping. It features 3M Controltac technology for easy repositioning and 3M Comply technology for a bubble-free finish using invisible air release channels.



HIGH GLOSS



GLOSS



Metallic and/or Pearl

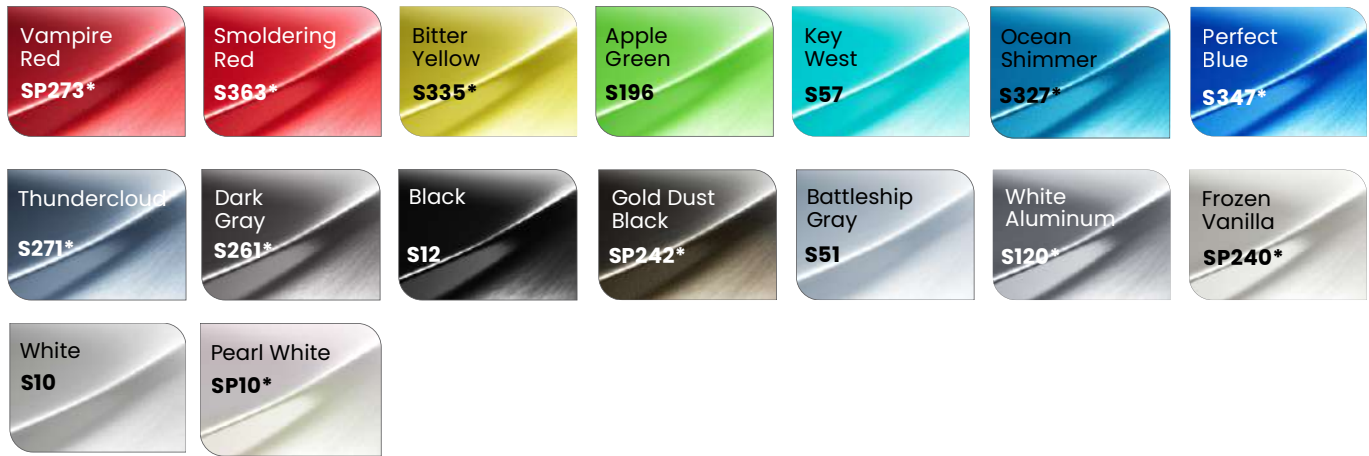


CAR WRAPPING

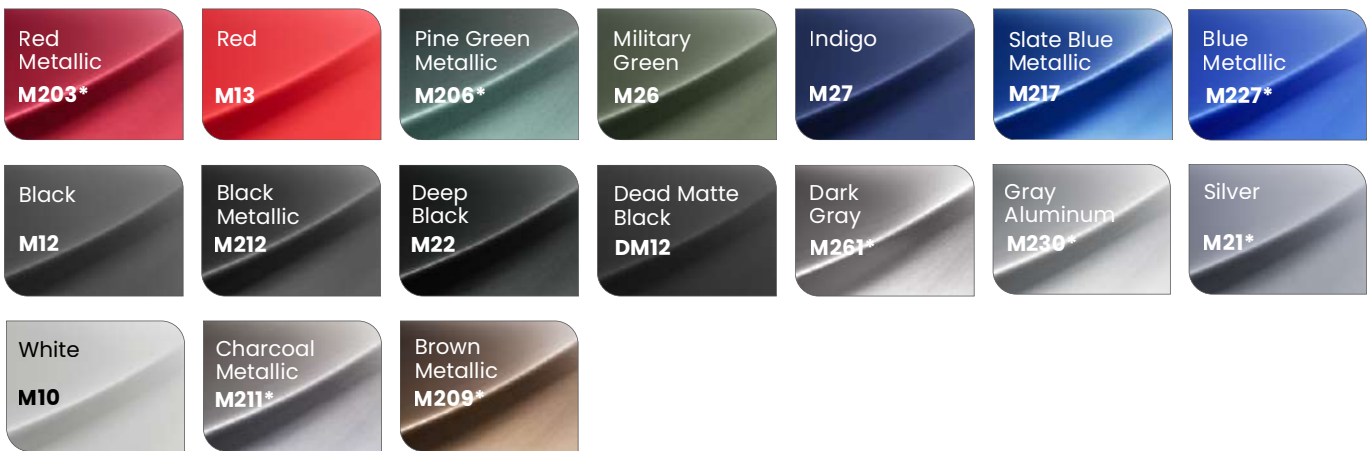
The 3M 2080 Series Wrap Film comes in almost 100 colors and finishes. With a roll width of up to 1524 mm, installers can easily apply the film to various parts of the vehicle without leaving seam marks. 3M offers a thorough warranty that gives customers peace of mind with up to eight years of protection on vertical applications.



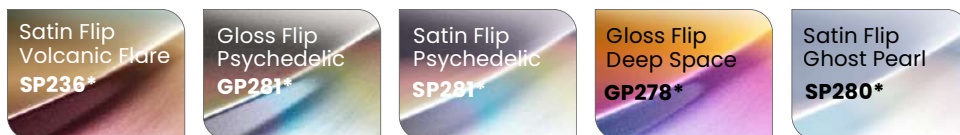
SATIN



MATTE



COLOR FLIPS



TEXTURES



● WINDOW FILM - SOLAR PROTECTION

These window films are designed for managing solar radiation in spaces lead to substantial savings in costs, energy, and CO2 emissions. By blocking solar heat, less energy is consumed. Keeping window curtains open reduces the need for electric lighting and results in cost savings.



3M Prestige Series

It's made of a multilayer of PET and PMMA, this product provides an optimal equilibrium between maximum light transmission and heat rejection. The film, boasting exceptional transparency, incorporates nanotechnology that effectively diminishes heat while maintaining the window's original appearance. It is designed for external application and blocks 99.9% of UV rays.

Product	Solar Energy Declined	Transmission of Visible Light	Heat Reduction
20	76%	18%	66%
40	71%	37%	59%
70	61%	63%	45%
90	45%	78%	21%

3M Night Vision Series

It's made of metallic polyester, it enhances night vision, decreases heat absorption, and provides clearer visibility during the day due to its low internal reflectivity. The coating is resistant to scratches, and even the medium-low options provide adequate privacy. It's applied internally and blocks 99% of UV rays.

Product	Solar Energy Declined	Transmission of Visible Light	Heat Reduction
15	60%	14%	43%
25	51%	22%	29%
35	45%	32%	21%

3M Neutral Series

It's made of metallic polyester, it possesses a neutral look that preserves the building's original style. It aids in minimizing glare, heat, and obstructs substantial levels of damaging ultraviolet (UV) rays responsible for interior discoloration. It provides 99% UV blockage.

Product	Use	Solar Energy Declined	Transmission of Visible Light	Heat Reduction
35 Ext	External	62%	36%	45%
35	Internal	49%	32%	27%
70	Internal	36%	62%	8%

3M Silver Series

It's made of metallized polyester, it diminishes glare and provides effective solar control, safeguarding buildings against heat gain. It also guarantees outstanding insulating characteristics to minimize heat loss and aid in cutting energy expenses by decreasing reliance on air conditioners during warmer seasons. It provides 99% UV blockage.

Product	Use	Solar Energy Declined	Transmission of Visible Light	Heat Reduction
Silver 15	External	86%	15%	80%
Silver 20	Internal	67%	15%	53%
Silver 35	External	72%	33%	60%
Silver 15 PI	Internal	83%	15%	79%

3M Nickel | Amber Series

It's constructed from metallized polyester, the Nickel series is directly applied to the interior of the glass surface. In contrast to traditional solar control systems, this film reduces and reflects solar radiation. It's made of metallic polyester and provides a dual function for solar control and winter thermal insulation.

Product	Use	Solar Energy Declined	Transmission of Visible Light	Heat Reduction
Nickel 50	Internal	52%	45%	31%
Amber 35	Internal	68-75%	16-30%	48-69%



SAFETY WINDOW FILM

Their films range that can transform regular glass into safety glass and enhance shatter resistance, reducing harm during break-in attempts and minimizing the risk of injuries and glass damage in explosions.



3M Ultra Series

The co-extruded transparent polyester plywood offers increased strength and durability in comparison to standard films. If the glass breaks, the film keeps the glass shards intact thanks to a strong acrylic adhesive. It provides protection against injuries, helps minimize explosions, deters theft, prevents fading, and offers abrasion resistance. Moreover, it guarantees excellent optical clarity and blocks 99.9% of UV rays, making it ideal for indoor use.

Product	Thickness	Film Type	Classification of Impact
S600	160 µm	Multilayer	EN12600: 1B1 EN356: P1A
S800	200 µm	Multilayer	EN12600: 1B1 EN356: P1A

3M Safety Series

Durable polyester film with scratch-resistant properties and acrylic adhesive offers protection against injuries, glass shards, vandalism, burglary, and UV fading. Moreover, its high tensile strength and elongation at break improve the overall resilience of the glazing system against impacts and pressure. Designed for internal applications.

Product	Thickness	Film Type	Classification of Impact
S40	100 µm	1 layer	EN12600: 2B2
S70	175 µm	1 layer	EN12600: 2B2
S80	200 µm	2 layers	EN12600: 1B1
S140	325 µm	3 layers	EN356:P2A

3M Safety Outdoor Series

Scratch-resistant polyester film with durable acrylic adhesive offers weather resistance, protection against glass damage, vandalism, and burglary, and reduces UV fading. Additionally, its high tensile strength and elongation at break improve longevity, making it ideal for outdoor use.

Product	Thickness	Film Type	Classification of Impact
S40 Extension	100 µm	1 layer	EN12600: 2B2
S70 Extension	175 µm	1 layer	EN12600: 2B2

3M Ultra Prestige Series

It is a blend of a 3M Ultra high-resistance multi-layer safety film and a 3M Prestige high-performance multi-layer solar control film. This product offers defense against vandalism, shattered glass, and forced entry, while also minimizing glare and conserving energy by reducing the reliance on air conditioning. Specifically designed for indoor applications.

Product	Thickness	Solar Energy Declined	Classification of Impact
S70 Ultra Prestige	210 µm	44-58%	EN12600: 1B1 EN356: P1A

● **DI-NOC**

Highly adaptable and long-lasting material coverings are perfect for revamping different surfaces, even in 3D. With 47 families and more than 1000 patterns to choose from, they accurately mimic popular finishes. 3M DI-NOC allows for the quick, easy, and eco-friendly transformation of spaces, either creating a bold new atmosphere or rejuvenating an existing one. These coatings not only look great but are also easy to maintain and sanitize. Here are some examples of finishes.



**Catalog
Download**



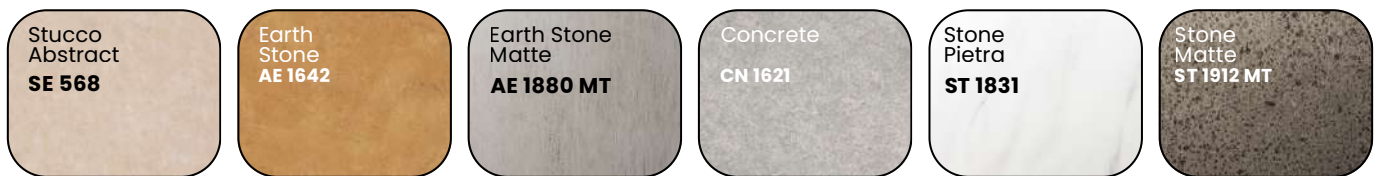
WOOD

Series: DW-MT | PW-MT | FW | MW | WG | WG-GN



STONE, MARBLE, AND CONCRETE

Series: SE | AE | AE-MT | CN | St ST-MT



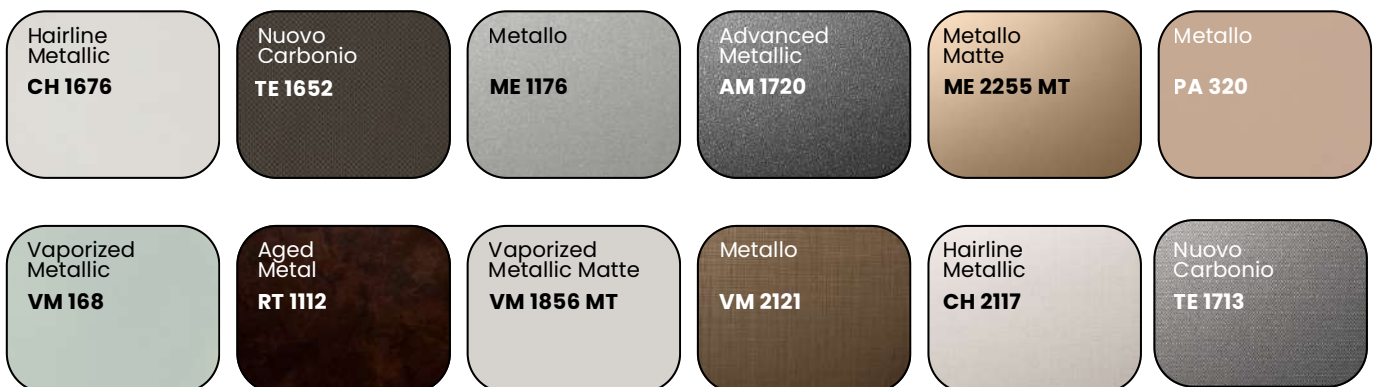
GLASS

DG Series



METAL

Series: CH | TE | ME | AM | ME-MT | PA | VM | RT | VM-MT





DI-NOC COATINGS

These stylish finishes are suitable for various uses and can be used on interior surfaces like walls, columns, doors, or cabinets, even on curved and intricate (3D) surfaces. The 3M Comply adhesive technology removes air bubbles, making the application process easier and faster.



TEXTILES AND DOCUMENTS

Series: FE | NU | NU-MT | SI

Metal Leaf FE 1727	Nuno NU 2178	Silk SI 1234	Nuno Matte NU 2175 MT
------------------------------	------------------------	------------------------	---------------------------------

E-SERIES

Series: RC | PO

Recycled Content PS 2402MTRC	Polyolefin DW2229 PO
--	--------------------------------

LEATHER

Series: SU-MT | LE

Suede Matte SU 2232 MT	Leather LE 2741	Leather LE 2782
----------------------------------	---------------------------	---------------------------

SOLID COLORE

Series: PS | PS-MT

Single Color PS 121	Single Color PS 096	Single Color Matte PS 3863 MT
-------------------------------	-------------------------------	---

ABRASION RESISTANT

Series: AR

Abrasion Resistant ME 2295 AR	Abrasion Resistant PS 006 AR
---	--

TILE

Series: TIL

Tile ST-736TIL	Tile AE-1913TIL
--------------------------	---------------------------

EXTERIOR

Series: EX

Exterior ST 736 EX	Exterior FW 1129 EX
------------------------------	-------------------------------

CARBON, SUMMARY, AND UNIQUE

Series: BW | CA | ET | HS | FA | HG | LZ | LW | PC | PG | RS | PT

Entertainment Big Wave BW 1311	Carbonio CA 1170	Effect ET 1772	Hide & Seek Monocontrast HS 1656	Abstract FA 1098	High Gloss HG 1996
Abstract LZ 587	Entertainment Little Wave LW 1084	Sand PC 758	Abstract PG 194	Entertainment Random Style RS 1190	Abstract PT 345

● LABEL FILM

We offer a range of films for different purposes, such as labeling components, batch numbering, providing usage instructions, and displaying variable information. Our labels are designed to endure various conditions, including high or low temperatures and humidity. Moreover, we provide decorative labels to personalize the end product. Explore our selection of products available in both sheet and reel formats.



Product	Preface	Color	Thickness at the front	Characteristics	Adhesive	Appropriate for:	
						Press	Overprint
3690E	Vinyl	○	50 µm	Shiny	320	S	T.T.
3698E	Vinyl	●	50 µm	Shiny	320	S	T.T.
3922 DSL	Acrylate	○	50 µm	Different Temperatures	150	S	T.T.
5770	Polyester	○	56 µm	Matte finish	550	S,T,F,C	T.T.
7813 EH	Polyester	●	81 µm	Opaque	300E	S,T,F,C	T.T.
7816 EH	Polyester	○	50 µm	Shiny	310E	S,T,F,C	T.T.
7860 EH	Polyester	○	50 µm	Shiny	300E	S,T,F,C	T.T.
7905	Polyester	●	50 µm	Shiny	350	S,T,F,C	
7871 NO	Polyester	○	50 µm	Shiny	350	S,T,F,C	T.T.
7983	Polyester	●	89 µm	Opaque	300	S,T,F,O	D.M. L.T.
7846	Acrylate	○●	62 µm	Shiny	350	S	M.L.
100Y3	Polyester	●	50 µm	Opaque	250E	S,T,F,L	L.T.
76968E	Polyethylene	○	109 µm	Safety opacity	350E	S,T,F,C	T.T.

Legend

Press	Sail	Press	Sail	Overprint	Sail	Overprint	Sail
Serigraphy	S	Hot Melt	C	Matrix Printer	D.M.	Laser engraving	M.L.
Typography	T	Offset	O	Heat Transfer	T.T.	Toner Cartridge	L.T.
Flexography	F	Lithography	L				



Maintenance and Cleaning

● PRIMER

Adhesion promoters improve the initial adhesion of adhesives to surfaces when applied prior to bonding.



3M Primer 94

It acts as a great adhesion enhancer to improve the bonding of the adhesive on difficult surfaces such as polypropylene, ABS, PET/PBT blends, and on easier surfaces like rubber, concrete, wood, glass, raw metal, or painted surfaces. Available in brushable form, it is ready to use and comes in tin or pen formats.



0.66 ml | 236 ml | 946 ml | 3.785 L



3M UV Universal Primer

It acts as a great adhesion booster to improve the adhesion of the adhesive on difficult surfaces such as polypropylene, ABS, PET/PBT blends, and simpler ones. Additionally, it contains a UV indicator that makes it visible under UV light, improving its environmental, health, and safety attributes during application.



236 ml | 946 ml



3M AP 115 Silane Glass

With its anti-humidity treatment, this product is crucial for prepping glass prior to adhesive application. Its ability to resist humidity makes it ideal for securing glass in bathrooms and kitchens, as well as for attaching signs on shop windows.



1L bottle



3M AP596

Tailored for use with polyurethane, hybrid, or silicone sealants on windshields, tinted and sintered glass, acrylic (PMMA), polyester, and PVC.



1L bottle



3M P591

Tailored to improve the bonding of polyurethane and SMP-based sealants, this product blocks UV rays and prevents plasticizer migration. It is mainly used on surfaces like glass with silk-screen printing, ceramic, and PMMA.



250 ml



3M AC11

It acts as a rapid spray activator that speeds up the polymerization process of cyanoacrylate adhesives. Ideal for materials with slow drying times and porous surfaces that require complete drying before penetrating the substrate.



200 ml



Maintenance and Cleaning

● ACCESSORIES

3M Spatula PA-1 | Felt

Ensuring precise and consistent application of tape or adhesive film is essential to eliminate any air bubbles effectively. The product is offered in blue with a soft edge (PA1-B) or in gold (PA1-G) with an internally reinforced nylon edge. Additionally, there is an alternative version made entirely from felt.



3M Titanium Scissors

A top-notch tool equipped with a titanium blade that includes an anti-adhesive coating and a customizable pin for tension adjustment. Weighing just 90 grams and measuring 20 cm long, it is ideal for handling both single-sided and double-sided tapes.



● **CLEANING AND PROTECTING**

A variety of products for cleaning surfaces before gluing or protecting them after application.



View the video

3M Industrial Cleaner

A versatile cleaner ideal for removing grime, oil, tar, and sticky residue from a wide range of surfaces quickly and effectively without causing damage to the material. Plus, it is free from petroleum-based or chlorinated solvents.



200 or 500 ml



3M VHB Surface Cleaner

A fast-drying multi-surface cleaner made from a mixture of isopropyl alcohol. This cleaner efficiently removes different kinds of dirt, stains, and fingerprints from surfaces. It evaporates quickly without leaving any residue and can create a smooth "sliding plane" effect when used.



1-liter bottle | 100-piece wipes



3M 1600 Anticorrosion Spray

Its rubber-asphalt base offers protection against humidity, saltwater spray, corrosive agents, and physical impacts, creating a durable and resistant coating.



400 ml



3M 1601 Protective Spray

Alkyd resin-based insulating paint forms a durable and flexible film that adheres well to various surfaces. This paint is resistant to UV rays, acids, oils, alkalis, and moisture, and is renowned for its superior dielectric strength.



400 ml



3M 1609 Silicone Spray

It lubricates moving parts without becoming sticky and is suitable for use in temperatures ranging from -32°C to 177°C, providing long-lasting protection against moisture and corrosion. This versatile product is compatible with paints, plastic, rubber, foam materials, wood, and fabrics.



400 ml



3M 1633 Anticorrosion Spray

A rust remover, corrosion inhibitor, and lubricant that can effectively loosen tight bolts and has high penetration capabilities.



400 ml



● **CLEANING MATERIALS**

3M 34567 | 34568

The 3M 34567 cloths are recognized for their antistatic properties, high resistance, and excellent absorbency, making them perfect for comprehensive cleaning. On the other hand, the 3M 34568 cloths are antistatic and specifically crafted for professional surface polishing.



3M 2010 | 2011 | 2012 | 2030

The 3M 2010 cloths exhibit remarkable absorbency, capable of holding up to 5 times their dry weight. For versatile cleaning needs, the 3M 2011, 2012, and 2030 Series are adept at removing oil, grease, dirt, water, and dust from surfaces, whether wet or dry.





PAGES 73-85

RESPIRATORY SYSTEM

<i>Disposable FFP Respirators</i>	74
<i>Half-Mask and Full-Face Respirators</i>	77
<i>Respirator Filters</i>	79
<i>Combination Respirators and Filters</i>	83
<i>Powered Air-Purifying Respirators</i>	85



PAGES 86-89

EAR PROTECTION

<i>Earphones and Headphones</i>	86
<i>Communication Systems</i>	89



PAGES 90-97

SIGHT PROTECTION

<i>Protective Eyewear</i>	90
<i>Mask Eyewear</i>	97



PAGES 98-100

BODY | HEAD PROTECTION

<i>Protective Clothing</i>	98
<i>Helmets</i>	99
<i>Visors and Welding Screens</i>	100



PAGES 101-103

SAFETY-WALK

<i>Rug</i>	101
<i>Safety Walk Tapes</i>	103

● Disposable FFP Respirators

Ideal for shielding against dust, fumes, and mists, these masks feature the 3M Advanced Electret Filter filter material, known for its minimal breathing resistance, and the 3M Cool Flow valve that minimizes heat buildup. Additionally, 3M offers fit tests (FT-10 sweet and FT-30 bitter) to ensure a proper seal between the face and the respirator.



Type of activity	Description of Substance	Aura Collection 9300+ 9400+	VFlex Series 9100	Series 8300	Series 8000+	Series 8000	Series 9000
Sanding Cutting Drilling	Ruggine, ferro, stucco/ materiale riempitivo	9310+ 9312+	9101E 9161E	8310 8312		8710 8812	
	Opere murarie calcestruzzo, pietra	9310+ 9312+	9101E 9161E	8310 8312		8710 8812	
	Cemento, acciaio, alluminio	9320+ 9322+	9152E 9162E	8320 8322		8810 8822	
	Pitture/vernici/ vernici antiruggine	9320+ 9322+	9152E 9162E	8320 8322		8810 8822	9922
	Acciaio inox, nichel, piombo, platino	9330+ 9332+	9163E			8835+	
	Sabbatura					8835+	
	Vernici antivegetative	9330+ 9332+	9163E			8835+	
Steam Lubrication				8320 8322	8825+	8810 8822	
Welding	Acciaio, zinco (saldature a gas, MIG/MAG)						9925 9928
	Acciaio legato (con elettrodo)						9925 9928
	Brasatura						9925 9928
Sanding Cutting	Legni dolci e MDF (es. larice, cipresso, pino)	9320+ 9322+	9152E 9162E	8320 8322	8825+	8810 8822	
	Legni duri (es. betulla, castagno, faggio)	9330+ 9332+	9163E	8833	8835+		
	Legni tropicali (es. ebano, teak, iroko)	9330+ 9332+	9163E	8833	8835+		
Coating	Mordenti, diluenti a base acquosa	9320+ 9322+	9152E 9162E	8320 8322	8825+	8810 8822	9922
Handling Asbestos	Concentrazioni minori fino a 3 ff/cc	9330+ 9332+		8833	8835+		
Maintenance	Impianti meccanici (oli, grassi e odori)	9320+ 9322+	9152E 9162E	8320 8322	8825+	8810 8822	9926
Manage waste							9922
Spraying Nebulizing	Colori dispersi di vernice	9320+ 9322+	9152E 9162E	8320 8322	8825+	8810 8822	9922
	Pesticidi (soluzioni acquose)	9320+ 9322+	9152E 9162E	8320 8322	8825+	8810 8822	9922
Collaboration	Fibra di vetro e fibre minerali	9330+ 9332+		8833	8835+		
Allergies	Pollini, pelo animale	9320+ 9322+	9152E 9162E	8320 8322		8810 8822	
	Farine, grano, polveri di cereali	9320+ 9322+	9152E 9162E	8320 8322		8810 8822	
Communication	Muffe / spore	9320+ 9322+	9152E 9162E	8320 8322	8825+	8810 8822	
	Batteri / rischio biologico	9320+ 9322+	9152E 9162E	8320 8322	8825+	8810 8822	
	Fuliggine di diesel / fumo	9320+ 9322+	9152E 9162E	8320 8322	8825+	8810 8822	
Food manufacturing	Farina e polvere di cereali	9320+ 9322+					
	Conservanti alimentari	9320+ 9322+					
	Caffè, spezie, proteine del pesce	9320+ 9322+					

	FFP1 Masks	FFP2 Masks	FFP3 Masks
Nominal Protection Factor (NPF)	Lesson 4	Lesson 12	FPN 50
Common Uses	Low concentrations of fine particulates and aerosols, typically generated during sanding, drilling, and cutting tasks.	Low levels of fine particulate matter and oil- or water-based sprays, typically generated when working with plaster, cement, sanding, and around wood dust.	High levels of fine particulate matter and oil- or water-based sprays are often generated during the handling of dangerous dust in the pharmaceutical sector or when dealing with biological substances and fibers.

CAUTION: This manual serves as an illustrative model (extracted from the 3M DPI Catalog version 2019) and should not be the sole basis for selecting a respirator. Information on performance and constraints can be found on the product packaging and accompanying user manual. Prior to utilizing any respirator, it is essential for the user to thoroughly review and comprehend the user manual. Adherence to the relevant regulations of each country is mandatory. This overview does not cover all products suitable for every specific requirement. The selection of the most suitable respirator is contingent upon the particular circumstances and should be conducted by a knowledgeable individual familiar with the operational environment and constraints of each respiratory protection apparatus.

● Disposable FFP Respirators

3M Aura 9300+

The 3M Aura 9300+ respirator series is the top-selling series globally for 3M, known for its low breathing resistance, contoured profile, quilted top panel, and a three-panel folding design that adjusts to various facial shapes for optimal comfort.

PRODUCTS

	9310	FFP1		9312+ (valve)	FFP1
	9320	FFP2		9322+ (valve)	FFP2
	9330	FFP3		9332+ (valve)	FFP3

PRODUCTS

	9422+ (valve)	FFP2		9432+ (valve)	FFP3
--	---------------	------	--	---------------	------

3M Aura 9400+

It includes the majority of the technical characteristics of the Aura Series. A 9300+ model is specifically designed for the food industry, distinguished by its blue color. It is free of metal staples and other small detachable parts that could potentially contaminate food.

3M Aura 8000

With a ready-to-use shell design, double elastic straps, nose clip, foam edge, collapse-resistant construction, and 3M Cool Flow Valve, these respirators offer key features for efficient protection against dust and mists while being lightweight and practical.

PRODUCTS

	8710E	FFP1		8812 (valve)	FFP1
	8810	FFP2		8822 (valve)	FFP2
	8322 (valve)	FFP2		8833 (valve)	FFP3

PRODUCTS

	8825+ (valve)	FFP2		8835+ (valve)	FFP3
--	---------------	------	--	---------------	------

3M 8000+ Series

An enhanced iteration of the 3M 8000 series, it features a sealing edge without a nose clip (metal free) but includes a complete internal gasket, ensuring exceptional adherence, akin to wearing a half mask. Additionally, they come with colored elastics that are adjustable in 4 points, aiding in their adaptability.

● Disposable FFP Respirators

3M 9000 Series

Fume Welding

It features a filter material with activated carbon layers that safeguard against copper, iron, lead, zinc dust, and absorb the ozone produced by MIG, TIG, and ARC welding processes. The outer structure is coated with flame retardant substances, resilient to heat and sparks.

3M 9000 Series

Unpleasant Smells

They come with a filter material containing activated carbon layers that decrease irritation from low concentrations of gases and vapors typically mixed with hazardous dust.

- 3M 9913 FFP1 and 3M 9914 FFP1 are suitable for dust, mists, and organic vapours.
- 3M 9922 FFP2 respirator for dust, mists, organic vapors, ozone;
- 3M 9926 FFP2 respirator for dust, mists, acid gases, and chlorine.
- 3M 9936 FFP3 respirator for dust, mists, and acid gases.

PRODUCTS

	9925 (valve)	FFP2		9928 (valve)	FFP2
	9913	FFP1		9914 (valve)	FFP1
	9922 (valve)	FFP2		9926 (valve)	FFP2
				9936 (valve)	FFP3

3M VFlex 9100 Series

The respirators offer affordable protection, showcasing a unique V-pleat design, and incorporating 3M filter material for enhanced breathability. They are equipped with a built-in adjustable metal nose clip for a personalized fit, along with side tabs for effortless placement on the face.

PRODUCTS

	9101E	FFP1		9161E (valve)	FFP1
	9152E	FFP2		9162E (valve)	FFP2
				9163E (valve)	FFP3

PRODUCTS

	1862+ IIR	FFP2		1883+ IIR (valve)	FFP3
	1863+ IIR	FFP3			

3M 1800+ Series

Intended for utilization in hospital settings where healthcare professionals encounter hazardous particulate pollutants. Compliant with the European Medical Device Directive (93/42/EEC) and EN14683:2005 Type IIR for utilization as a surgical mask.

● HALF MASKS AND FULL FACE RESPIRATORS

These are designed to be used with a variety of filters that provide efficient protection against different types of dust, gases, and vapors. 3M also offers qualitative fit tests (FT-10 sweet and FT-30 bitter) to confirm the seal between the face and the half-mask. For full-face masks, a quantitative fit test is required instead.



Application	Protection	Application	Protection
Paint water-based	A1	Solvents, resins, synthetic resins	A2P3
Adhesive solvents	A1	Antifouling coating	A2P3
Paint that is soluble in water	A1P2	Latex paint, leftover solvents	A2P3
Preservation of Wood	A1P2	Solvent/boiling point below 65°C	AXP3
Adhesive, foam, paint	A1P2	Sulfur Dioxide	ABE1
Bacteria, spores, and odors	A1P2	Chemical substance	ABE1
Insulating spray foam	A1P2	Ammonia	K
Sealing	A1P2	Paint stripper containing ammonia	ABEK1
Formaldehyde	A1+formaldehyde	Sewage	ABEK
Paint solvent	A2	Disinfection, cleaning	ABEKIP2
Paint Thinner	A2P3	Pesticides and Insecticides	ABEKIP2
Glue spraying bond	A2P3	Polyurethane Coating	ABEKIP3
Tarring	A2P3	Transportation of Hazardous Materials	ABEKIP3
Molatura	A2P3		

Color	Filter	Protection
White	P	Anti-dust
Brown	A	Organic vapors and gases (with a boiling point >65°C)
Brown	AX	Highly volatile organic solvents with a boiling point below 65°C.
Grey	B	Inorganic gases and vapors

Color	Filter	Protection
Yellow	AND	Gaseous acids
Green	K	Ammonia and its byproducts
Mercury	HG	Mercury vapor and mercury compounds

Caution: This manual is simply a sample plan, extracted from the 3M Italia Catalog (October 2023 edition). It should not be relied upon as the exclusive approach for selecting a respirator. Information about performance and restrictions can be found on the product packaging and in the accompanying user manual. Prior to utilizing any respirator, it is essential for the user to carefully read and comprehend the product's user manual. The relevant regulations applicable in the user's country must be followed.

- AX filters are designed for substances with a low boiling point (organic compounds with a boiling point below 65°C). They are compatible only with 3M full face masks and should be used for a single work shift.
- Filters A1 and A2 are designed for organic vapors with a boiling point higher than 65°C.

Formaldehyde omitted.
If isocyanates are detected, reach out to 3M Technical Service.

● HALF-MASKS AND FULL-FACE RESPIRATORS

3M 4000 Series

The cartridges and filters are combined. A new valve decreases breathing resistance when exhaling, and the soft, silicone-free facepiece guarantees a hypoallergenic seal on the face. The integrated filters require no maintenance: they are utilized until the replacement program signals the need for replacement. The adjustable headband allows for easy adaptation to various head shapes and sizes. Offered in one size, in the following versions:

4251+ FFA1P2 | 4255+ FFA2P3 | 4277+ FFABE1P3 | 4279+ FFABEK1P3



3M 6000 Series | Reusable Half Mask

Created for use in challenging work environments, these masks are user-friendly, lightweight, and need minimal upkeep. Offered in three sizes, all masks come with the 3M bayonet connection system, enabling the attachment of various dual filters to offer protection against gases, vapors, and dust based on individual requirements. Available sizes: S, M, L.

3M 6500Q Series | Reusable Half Mask

Crafted to provide comfort, durability, and safety in challenging conditions. The compact and ergonomic design ensures a high level of sealing on the face, with the silicone facepiece providing optimal comfort, especially during extended wear. Featuring a bayonet connection for compatibility with various 3M filters. Offered in three sizes: Small, Medium, Large.



3M 7500 Series | Reusable Half Mask Reusable

The facepiece features a durable silicone surface for extended comfort and includes a 3M Cool Flow valve to minimize heat build-up, enabling warm exhaled air to exit. It is designed with a bayonet connection for connecting multiple pairs of 3M filters. Offered in three sizes: S, M, L.

3M 6000 Series | Full-Face Respirator

Featuring a spacious polycarbonate visor and a gentle, hypoallergenic elastomeric facepiece, this mask is equipped with the 3M bayonet attachment system for connecting various pairs of 3M filters. It is a lightweight mask with a 3M Cool Flow valve and a four-strap suspension, offered in three sizes: S, M, L.



3M HF-800 Series | Reusable Half Mask

Equipped with a speech diaphragm, this is the world's initial system featuring four airflow filters. It provides protection against particles, various gases, and vapors when used with 3M Secure Click filters. The speech diaphragm aids in communication and speech clarity while working. It comes in three sizes: S, M, L.

3M HF-300 Series | Reusable Half Mask

Crafted with user comfort and convenience as top priorities. Compatible with 3M DT Series DIN thread filters, the Hf provides protection against a broad spectrum of respiratory hazards. Ideal for workplaces that require various types of respiratory protection. Offered in three sizes: S, M, L.







3M FF-600 Series | Full-Face Mask




Created to offer long-lasting, comfortable safeguarding from a broad array of respiratory dangers. Can be utilized alongside 3M powered air or negative pressure respirators with 3M DT Series filters to shield against various industrial risks. Offered in three sizes: S, M, L.

● 3M FILTER SERIES 6000 | 6500Q | 7500



3M 2000 Series Particulate Filters

Filter	Product	Protection	Description
	2125	P2 R	Solid and liquid particles.
	2128	P2 R	Solid and liquid particles, along with ozone relief up to 10 times the VLEP and the unpleasant odor of acid gas/organic vapor.
	2135	P3 R	Solid and liquid particles.
	2138	P3 R	Solid and liquid particles, along with ozone relief up to 10 times the VLEP and the unpleasant odor of acid gas/organic vapor.





3M 5000 Series Particulate Filters

Filter	Product	Protection	Description
	5911	P1 R	Solid and liquid particles. Requires 3M 501 ring.
	5925	P2 R	Solid and liquid particles. Requires 3M 501 ring.
	5935	P3 R	Solid and liquid particles. Requires 3M 501 ring.

3M 6000 Series Particulate Filters



Filter	Product	Protection	Description
	6035	P3 R	Solid and liquid particles contained in a durable rigid plastic housing.
	6038	P3 R	Solid and liquid particles, heavy-duty rigid plastic enclosure, hydrofluoric acid up to 30 ppm, relief from unpleasant odors, organic vapors, and acid gases below VLEP.

3M 6000 Series Combination Filters




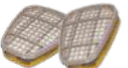
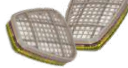

Filter	Product	Protection	Description
	6091	A1P3 R	Organic gases, vapours (boiling point > 65°C), and particulates.
	6092	A1B1E1K1 P3 R + formaldeide	Organic vapours (boiling point > 65°C), inorganic vapours, acid gases, ammonia and derivatives, formaldehyde up to 10 ppm, and particulate matter.
	6095	A2P3 R	Organic gases, vapours (boiling point > 65°C), and particulates.
	6096	A1E1HgP3R	Organic vapours (boiling point > 65°C), acid gases, mercury, and particulate matter.

● 3M FILTERS SERIES 6000 | 6500Q | 7500

3M Mask 6000 Series Combination Filters

Filter	Product	Protection	Description
	6098	AXP3 R	Organic vapours with a boiling point < 65°C.
	6099	A2B2E2K2HgP3 R + formaldehyde	Mixture of organic vapours (boiling point > 65°C), inorganic and acid gases, ammonia, particulates, mercury, and formaldehyde.





3M Gas and Vapor Filters 6000 Series

Filter	Product	Protection	Description
	6051	A1	Organic vapors and gases (boiling point > 65°C).
	6054	K1	Ammonium and its derivatives.
	6055	A2	Organic vapours (boiling point > 65°C).
	6057	ABE1	Organic vapours (boiling point > 65°C), inorganic vapours, and acid gases.
	6059	ABEK1	Organic vapours (boiling point > 65°C), inorganic vapours, acid gases, ammonia, and derivatives.
	6075	A1+formaldehyde	Organic vapours (boiling point > 65°C) and formaldehyde.






● 3M HF-800 SERIES FILTERS




3M D3000 Series Particulate Filter

Filter	Product	Protection	Description
	D3125	P2 R	Solid and liquid particles.
	D3128	P2 R	Solid and liquid particles, along with ozone relief up to 10 times the VLEP and the unpleasant odor of acid gas/organic vapor.
	D3135	P3 R	Solid and liquid particles.
	D3138	P3 R	Solid and liquid particles, along with ozone relief up to 10 times the VLEP and the unpleasant odor of acid gas/organic vapor.



3M D7000 Series Particulate Pre-Filters

Filter	Product	Protection	Description
	D7915	P1 R	Solid and liquid particles necessitate the use of a 3M D701 Ring.
	D7925	P2 R	Solid and liquid particles necessitate the use of a 3M D701 Ring.
	D7935	P3 R	Solid and liquid particles necessitate the use of a 3M D701 Ring.

3M D8000 Series Gas and Vapour Filters



Filter	Product	Protection	Description
	D8051	A1	Organic vapours (boiling point > 65°C).
	D8055	A2	Organic vapours (boiling point > 65°C).
	D8059	ABEK1	Mixture of organic vapours (boiling point > 65°C), inorganic gases, acid gases, and ammonia.

3M D8000 Series Combination Filter

Filter	Product	Protection	Description
	D8094	ABEK1P3 R	Mixture of organic vapours (boiling point > 65°C), inorganic and acid gases, ammonia, and formaldehyde particles.
	D8095	A2P3 R	Organic vapours (boiling point > 65°C) and particles.

● 3M HF-800 SERIES FILTERS


3M D9000 Series Gas and Vapor Filters

Filter	Product	Protection	Description
	D9035	Lesson 3 Recap	Particulate filter in a durable case.
	D9038	Lesson 3 Recap	Particulate filter with hydrogen fluoride and relief from unpleasant odors, organic vapors, and acid gases in a sturdy case.



RESPIRATORY PROTECTION

● 3M Series FF-300 | FF-600 | HF-300 Filters


3M DT Series Particulate Filter

Filter	Product	Protection
	DT-1135E	PF10 P3 R D
	DT-1235E	PFR10 P3 R D

3M DT Series Gas and Vapor Filters

Filter	Product	Protection
	DT-4001E	GF22 A2
	DT-4005E	GF22 A2B2

3M DT Series Combination Filters (not compatible with 3M HF-300)

Filter	Product	Protection
	DT-4041E	CF32 A2P3 RD
	DT-4047E	CF32 AXP3
	DT-4049E	CF32 Reactor-HgP3 R D
	DT-4145E	CFR32 ABEK2P3 R D
	DT-4149E	CFR32 Reactor-HgP3 R D

● COMBINATION OF 3M RESPIRATORS AND FILTERS



3M 6000 SERIES



3M 6500Q SERIES



3M 7500 SERIES



3M 6000 SERIES
Full Face Mask

PARTICLE PROTECTION



3M 6035

o



3M 2125



3M 2135

PARTICLE PROTECTION AND ODOR RELIEF



3M 6038

o



3M 2128



3M 2138

GAS AND VAPOR PROTECTION



3M 6051
3M 6054
3M 6055

3M 6057
3M 6059
3M 6075

COMPREHENSIVE PROTECTION AGAINST PARTICLES, GASES,
AND VAPORS



3M 6091
3M 6092
3M 6095
3M 6096
3M 6098 *
3M 6099 *

o



3M 6051
3M 6054
3M 6055
3M 6075
3M 6059
3M 6075

e



3M 5911
3M 5925
3M 5935

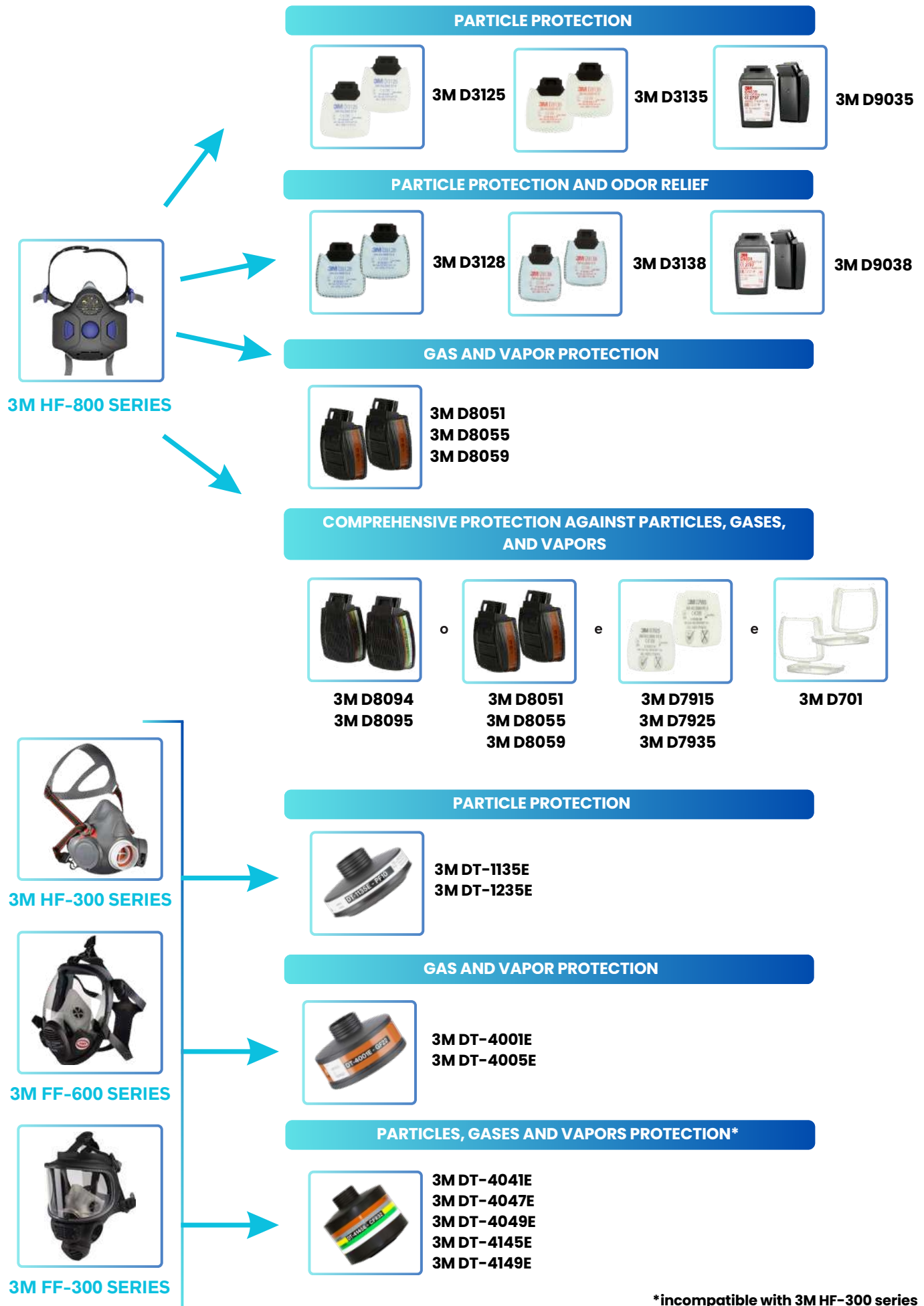
e



3M 501

*Only compatible with 3M 6000 Series Full Face Mask.

● COMBINATION OF 3M RESPIRATORS AND FILTERS



*incompatible with 3M HF-300 series



● ELECTRIC VENTILATION SYSTEMS

Air purifiers for the workplace include headgear, a breathing tube, a turbo engine powered by a battery, and one or more filters to remove dust, gases, and vapors, providing excellent freedom of movement.



Assembly procedure

1	a. Selezionare l'unità motore b. Selezionare: filtro, batteria e cintura	2	Selezionare il copricapo	3	Selezionare il tubo di respirazione	4	Selezionare gli accessori opzionali

3M Kit

	3M Versaflo TR-300+		3M Versaflo TR-800		3M Privacy Filter 300
	3M Versaflo TR-600		3M PF-600E+		

● COMPRESSED AIR SYSTEMS

An external source of compressed air is used independently of the contaminated environment. The system includes a headpiece, a breathing tube, a belt-mounted pressure regulator, and an air supply tube. It allows for airflow within the headpiece to be adjusted to personal preference and is suitable for use with contaminants that have a low olfactory threshold.

Assembly procedure

1	Selezionare il regolatore di flusso	2	Selezionare il copricapo	3	Selezionare il tubo di respirazione	4	Selezionare il tubo di alimentazione dell'aria compressa	5	Selezionare il connettore	6	Selezionare gli accessori opzionali

3M Respirators

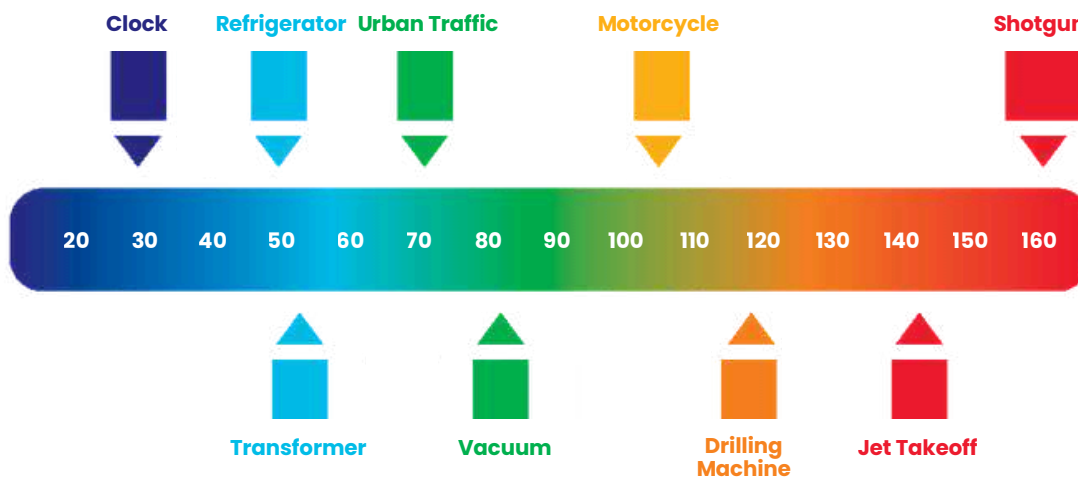
	3M S200+
--	----------

● EARBUDS AND HEADPHONES

Hearing protection is crucial in the workplace. Prolonged exposure to noise levels above 85 dB(A) can cause permanent hearing damage and tinnitus. Noise-related health issues also include stress, anxiety, high blood pressure, sleep disturbances, and fatigue



Decibel Scale dB (A)



	Classic 3M EAR	Yellow Neon 3M	3M 1100	3M Flexible Fit	3M Ultrafit	3M 1310	3M Optime I	3M Optime II	3M PELTOR X5

Disposable	✓	✓	✓						
Pushing to Fit				✓					
Reusable					✓				
Bow						✓			
Headphones							✓	✓	✓
SNR v dB	28	36	37	30/35	29	26	26-27	31	37
Noise 87-98 dB	✓				✓	✓	✓		
Noise 94-105 dB				✓				✓	
Noise 95-110 dB		✓	✓						✓
Corded	✓	✓	✓	✓	✓				
Moisture	✓			✓			✓	✓	✓
Lack of Sanitation				✓	✓		✓	✓	✓



● EARBUDS AND HEADPHONES

They're easy to wear, comfortable, and feature a tapered design. Earplugs and earmuffs help reduce noise entering the ear canal. Each has a specific SNR, which represents the overall level of noise reduction provided by the hearing protection across all tested frequencies under ideal laboratory conditions.



3M E-A-R Express

A push-to-fit design lets you insert them into the ear canal with gradual and secure expansion. They're available with or without a cord. The SNR is 28 dB for both one-handed and two-handed insertion, in compliance with EN 352-2:2020



3M E-A-R Push-Ins

The 3M E-A-R is contoured and sized to fit most ears, making it easy to identify. It's available with or without a cord. SNR: 35 dB (two-handed insertion) and 31 dB (one-handed insertion).



3M E-A-R Classic

These disposable inserts are the most comfortable in the range. They're resistant to humidity and less likely to swell from moisture absorption. They're available with or without a cord. SNR: 31 dB.



3M E-A-Rsoft Yellow Neon

They feature a bright neon yellow color, making them easy to recognize. The soft foam minimizes pressure in the ear canal. They're available with or without a cord. SNR: 34 dB.



3M E-A-Rsoft Metal Detectable

A stainless steel ball is embedded in the earpiece, along with a metal cord detectable by metal detectors, making it highly beneficial in the food and beverage industry. It's available with a cord only. SNR: 36 dB



3M 1100 | 1110

Disposable foam earplugs with a unique conical shape that adapts to various ear canal shapes. The gentle, hypoallergenic foam becomes softer as it warms to body temperature. They can be purchased with or without a cord. SNR: 35 dB.



3M E-A-R UltraFit

Designed for reusability, these earplugs feature a patented three-flange design made from pre-formed material, making them suitable for most ear canals. They're available with a cord only and have an SNR of 29 dB



3M No-Touch

They create a sanitary seal that reduces noise, without needing to be shaped before insertion—just push them into the ear canal. They're offered with a cord exclusively. SNR: 34 dB.



Usage Guidelines



● EARBUDS AND HEADPHONES

They're personal protective equipment used to minimize exposure to harmful noise and should be CE certified in accordance with the PPE Regulation (EU) 2016/425. This is typically achieved by assessing the hearing protector against the relevant sections of the harmonized European Standard EN 352.



3M E-A-R 1310 Headband

It's designed with a patented flexing headband that adjusts to jaw and head movements, ensuring a comfortable and secure fit with constant low pressure on the ear. Replacement 3M 1311 ear tips are available. SNR: 26 dB.



3M E-A-Rcaps

Ideal for transitioning between noisy environments, these earplugs can be conveniently worn around the neck when not in use. Replacement ear tips ES-01-300 and ES-01-301 are available. SNR: 23 dB.



3M PELTOR Bull's Eye I

These headphones are tailored for high-noise environments like hunting and sport shooting. They're contoured to prevent any obstruction with the rifle stock, ensuring optimal shooting. Signal-to-Noise Ratio: 28 dB.



3M PELTOR H3

The hearing protection comes in a sleek design, ideal for forestry, sawmill, and industrial applications. It features a groove in the upper section to improve the seal with safety helmets. SNR: 30 dB (headband) or 28 dB (helmet model)



3M PELTOR H505B

These provide the moderate attenuation needed in many welding scenarios. They come with a low-profile neckband and are designed for use with welding helmets. SNR: 24 dB.



3M Hygiene Kits for Headphones

They help maintain the right level of protection, comfort, and hygiene. They can be used with both the 3M PELTOR X series and the 3M Optime series, extending the lifespan of the earmuffs.



3M PELTOR Optime I II III

They feature a low-profile design that can be combined with other protective equipment, along with large, soft ear cushions that provide comfort and relieve pressure around the ears.

Optimal SNR: 26-27 dB.
Optime II SNR: 30-31 dB.
Optime III SNR rating is 33-34 dB.



3M PELTOR X Series

Lightweight ear protectors with comfortable, soft ear cushions are available in models with a headband, neckband, or helmet attachment. They come with dielectric electrical insulation or durable metal arms.

Peltor X1 SNR rating is 26-27 dB.
Peltor X2 SNR rating is 30-31 dB.
Peltor X3 SNR rating is 32-33 dB.
Peltor X4 SNR rating is 32-33 dB.
Peltor X5 SNR rating is 36-37dB.





SUPRA-AURAL AND INTRA-AURAL HEADPHONES

3M PELTOR products are designed for environments where high safety and communication are essential, including industrial settings, construction sites, agriculture, and forestry.



Primary Roles



Attenuation control (surround)

Hearing protection with a controlled attenuation function for ambient listening.



Bluetooth

Bluetooth-enabled hearing protection for wireless connectivity to cell phones or radios.



Radio transceiver integration

Hearing protection with a built-in transceiver radio.



Integrated FM radio

Hearing protection with an integrated FM radio receiver.



Input of external audio

Hearing protection with an external audio input.



Transceiver

Hearing protection with an external audio input.

Primary Offerings



3M LiteCom



3M LiteCom Plus



3M PELTOR WS LiteCom Plus



3M PELTOR WS Pro Tac XPI



In-house radio transmitter



Attenuation control (surround)



In-house radio transmitter



Input of external audio



Transceiver



Attenuation control (surround)



In-house radio transmitter



Input of external audio



Transceiver



Bluetooth



Attenuation control (surround)



In-house radio transmitter



Input of external audio



Transceiver



Bluetooth

● SAFETY GLASSES

Protecting your vision at work is essential. Using 3M SecureFit™ eyewear, which is comfortable to wear and features a slim profile that works well with other protective gear, will ensure both your safety and comfort while working.



	3M Secure Fit 100	3M Secure Fit 200	3M Secure Fit 400	3M Secure Fit 400X	3M Secure Fit 500	3M Secure Fit 600	3M Secure Fit 3700
3M Pressure Diffusion Temple Technology	✓	✓	✓	✓	✓	✓	✓
3M Scotchgard Anti-Fog Coating Scratchproof		✓	✓	✓	✓	✓	✓
Highly durable scratch-resistant coating.				✓	✓	✓	✓
Flexible shafts			✓	✓			✓
Gentle touch			✓	✓		✓	✓
Eyebrow guard				✓			✓
Detachable foam seal		✓	✓		✓	✓	
Design with two lenses						✓	
Corrective eyeglasses			✓				
Lenses for indoors and outdoors	✓		✓	✓	✓	✓	
IR Lenses					✓	✓	✓
Lenses with polarization						✓	
Protection from UV rays extends to 400nm					✓		

Legend

Letter	AF	AS	G	K	IR	GR
Characteristic	Anti-fogging	Anti-scratch	3M Scotchgard Anti-Fog Coating Scratchproof	Highly durable scratch-resistant coating	Lenses for infrared radiation	Corrective eyeglasses



SAFETY GLASSES

3M Secure Fit Series 100

Comfort and Affordability

3M Pressure Diffusion Temple Technology.



Product	Lens	Frame	AF	AS	G	K	Other
SF101AF-BLK			✓	✓			
SF101AS-BLK				✓			
SF101AF-BLUE			✓	✓			
SF101AS-BLUE				✓			
SF102AF-BLU			✓	✓			
SF103AF-BLUE			✓	✓			
SF107AF-BLUE			✓	✓			Inside/Outside

3M Secure Fit Series 200

Comfort and Lightness

3M Pressure Diffusion Temple Technology with a removable foam seal.



Product	Lens	Frame	AF	AS	G	K	Other
SF201AS/AF			✓	✓			
SF201AS				✓			
SF202AS/AF			✓	✓			
SF203AS/AF			✓	✓			
SF201AS/AF					✓		

● SAFETY GLASSES

3M Secure Fit Series 400

Comfort and Elegance

3M Pressure Diffusion Temple Technology, removable foam seal, soft temples, and soft nose pad.



Product	Lens	Frame	AF	AS	G	K	Other
SF401AS/AF			✓	✓			
SF402AS/AF			✓	✓			
SF403AS/AF			✓	✓			
SF408AS				✓			Mirrored
SF410AS				✓			Reflections
SF415AS/AF			✓	✓			GR +1.5
SF420AS/AF			✓	✓			GR +2.0
SF425AS/AF			✓	✓			GR 2.5
SF401SGAF-BLU					✓		
SF401SGAF-BLU-F					✓		Insert foam
SF401SGAFROS					✓		
SF407SGAF-BLU					✓		Inside/Outside
SF402SGAF-BLU					✓		
SF403SGAF-YEL					✓		
SF405SGAF-BLA					✓		
SF406SGAF-BLA					✓		

SAFETY GLASSES

3M Secure Fit Series 400X

Eyebrow Guard

3M Pressure Diffusion Temple Technology
Soft temples and nose pads




Product	Lens	Frame	AF	AS	G	K	Other
SF401XRAS-GRN				✓		✓	
SF401XSGAF-BLU			✓	✓	✓		
SF401XSGAF-GRN			✓	✓	✓		High visibility
SF402XSGAF-BLU			✓	✓	✓		
SF403XSGAF-YEL			✓	✓	✓		
SF407XSGAF-BLU			✓	✓	✓		Inside/Outside
SF416XAS-BLK				✓			Mirrored
SF422XSGAF-BLK			✓	✓	✓		

3M Secure Fit Series 500

Tailored fit and athletic design

3M Pressure Diffusion Temple Technology with ultra-durable anti-scratch coating+ (K)



Product	Lens	Frame	AF	AS	G	K	Other
SF501AF-BLK			✓	✓			
SF501ASP-BLK				✓		✓	
SF509AF-BLK			✓	✓			Mirrored
SF517ASP	Version 1.7		✓	✓		✓	IR
SF530ASP-GRN	Version 3.0					✓	IR
SF550ASP-GRN	Version 5.0					✓	IR

● SAFETY GLASSES

3M Secure Fit Series 500

Tailored fit and athletic design

3M Pressure Diffusion Temple Technology features resealable foam seals and 3M Scotchgard coating.



Product	Lens	Frame	AF	AS	G	K	Other
SF501SGAF-GRN			✓	✓	✓		
SF501SGAF-RED			✓	✓	✓		
SF501SGAF-BLK			✓	✓	✓		
SF501SGAF-BLK-FM			✓	✓	✓		Insert foam
SF502SGAF-BLK			✓	✓	✓		
SF503SGAF-BLK			✓	✓	✓		
SF505SGAF-DGR			✓	✓	✓		
SF507SGAF-BLK			✓	✓	✓		Interior Exterior
SF528SGAF-DGR			✓	✓	✓		

3M Secure Fit Series 600

Stylish dual lens frame

3M Pressure Diffusion Temple Technology, resealable foam seals and soft nose pad.



Product	Lens	Frame	AF	AS	G	K	Other
SF601RAS				✓		✓	
SF610AS				✓			Interior Exterior Mirror
SF611AS				✓			Polarized
SF601SGAF			✓	✓	✓		
SF601SGAF/FI			✓	✓	✓		Insert foam








SAFETY GLASSES

3M Secure Fit Series 600

Stylish dual lens frame

3M Pressure Diffusion Temple Technology and resealable foam seals.

















Product	Lens	Frame	AF	AS	G	K	Other
SF602SGAF			✓	✓	✓		
SF603SGAF			✓	✓	✓		
SF617AS	IR 1,7			✓			IR
SF630AS	IR 3,0			✓			IR
SF650AS	IR 5,0			✓			IR

3M Secure Fit Series 3700

Protective Eyewear

3M Pressure Diffusion Temple Technology, Padded nose and adjustable temples.



Product	Lens	Frame	AF	AS	G	K	Other
SF370ASP-BLU				✓		✓	
SF3701SGAF-BLUE			✓	✓	✓		
SF3701SGAF-GRN			✓	✓	✓		
SF3701SGAF-ORG			✓	✓	✓		
SF3702SGAF-BLUE			✓	✓	✓		
SF3703SGAF-GRN			✓	✓	✓		
SF3707SGAF-BLUE			✓	✓	✓		Interior Exterior

● SAFETY GLASSES

3M Secure Fit Series 3700

Protective Eyewear

3M Pressure Diffusion Temple Technology, soft nose pads and self-adjusting temples.



Product	Lens	Frame	AF	AS	G	K	Other
SF3717ASP-BLK	IR 1.7			✓		✓	
SF3730ASP-BLK	IR 3.0			✓		✓	
SF3750ASP-BLK	IR 5.0			✓		✓	

3M Secure Fit Series 3700X

Eye Protection and Brow Guards

3M Pressure Diffusion Temple Technology, soft nose pads and self-adjusting temples.



Product	Lens	Frame	AF	AS	G	K	Other
SF3701XSGAF-BLU			✓	✓	✓		
SF3702XSGAF-BLU			✓	✓	✓		
SF3707XSGAF-BLU			✓	✓	✓		Interior Exterior



● SAFETY GLASSES

3M 4700 Series

These feature a clear polycarbonate lens for impact resistance and direct ventilation for added comfort. They provide type B impact protection. Weight: 66 gr.



3M 4800 Series

These feature a clear polycarbonate lens for impact resistance and indirect ventilation for added comfort. They come with an anti-fog lens treatment, offering type B impact protection and type 3 protection against liquid droplets. Weight: 66 gr.

3M GoggleGear Series 500

Featuring 3M Scotchgard anti-fog coating for superior anti-fog and anti-scratch performance, they provide BT impact protection and are rated 3 for liquid drops and 4 for dust. Additionally, they are indirectly ventilated. Weight: 50 gr.



3M 2890 Series

They offer high protection and come with an anti-scratch coating and anti-fog treatment for enhanced durability and visibility. They provide protection against BT-type impacts. Options with indirect ventilation are available for shielding against liquid drops (type 3) and large dust particles (type 4), as well as versions with sealed ventilation for defense against small dust particles, gases (type 5), and molten metals (type 9). Weight ranges from 86 gr. to 99 gr.

3M GoggleGear Series 6000

The wide-profile safety goggles feature indirect ventilation for air circulation, an anti-fog treatment, and a 3M Scotchgard anti-scratch coating. Designed with high-quality spherical curved lenses, they offer an optimal field of vision both horizontally and vertically. These goggles provide type BT impact protection and are available in versions with indirect ventilation to protect against liquid drops (type 3) and large dust particles (type 4). They weigh 82 gr.



3M Fahrenheit Series

Constructed with a soft glass frame and a generous support area around the face, these goggles feature a specialized channel on the frame's side to accommodate the temples of prescription glasses. They offer polycarbonate lens options for impact resistance and acetate lenses for enhanced chemical resistance. Some models provide Type BT impact protection, while others offer Type F. Indirectly vented versions are available for protection against liquid droplets (Type 3) and large dust particles (Type 4), and sealed vented models are offered for protection against small dust particles and molten metal (Type 9). Weight: 128 gr.

3M Solus - 1000 Series

The product features a durable polycarbonate lens within a slim, stylish frame. It's equipped with 3M Scotchgard anti-fog and anti-scratch coating and can be customized with various headband and gasket options. It provides Type BT impact resistance and protection against liquid droplets (Type 3) and large dust particles (Type 4). Weight: 44 gr.



● PROTECTIVE CLOTHING

Protective clothing is designed for workers exposed to various levels of risk, CE certified up to Category III. Some have also been approved according to additional standards for specific uses. They are known for their exceptional comfort and lightweight design, allowing for extended wear and protection.



Guide for Selection

Category	Protection Type	3M Product
CE III Cat.	1. Inadequate seal	
CE III Cat.	2. Inadequate seal	
CE III Cat.	3. Protection against pressurized liquids	4570
CE III Cat.	4. Spray protection	4570 4565
CE III Cat.	5. Particulate matter protection	4570 4565 4540+ 4535 4532+ 4530 4520 4515 4510
CE III Cat.	6. Limited splash protection	4570 4565 4540+ 4535 4532+ 4530 4520 4515 4510
CE I Cat.	Basic risk	4505 4500

3M 4500

Category I overall designed for lightweight protection against non-hazardous dust and liquids. The breathable 45 g/m² polypropylene material provides straightforward CE certification for particles and non-hazardous liquids. Excellent breathability and comfort for extended use.



3M 4515

Durable 50gsm SMS coverall offering excellent comfort and breathability. CE certified, it provides protection against toxic dust (Type 5), liquid splashes (Type 6), and nuclear/radioactive particles according to EN 1073-2. Made from soft and durable 50gsm SMS non-woven fabric.



3M 4530

54gsm multi-layer SMS fabric, flame-resistant, to be worn over garments with RF index 2/3. Category III certified for protection against hazardous dust and liquid splashes (Type 5/6) and electrostatic protection (EN 1149). Ensures effective heat and moisture dispersion from the body.



3M 4545

It's made from a sophisticated 49gsm bicomponent non-woven fabric, offering high tensile strength and coated with a microporous laminate with low fibre release for effective protection against infectious agents. CE certified Category III, providing protection against hazardous dust (Type 5) and limited liquid splashes (Type 6). Additionally, it is anti-static.



3M 4565

49gsm fabric, providing effective protection against chemicals (Type 4), hazardous dust (Type 5), and limited liquid splashes (Type 6). It is also certified according to EN 14126 for protection against infectious agents.



3M 4570

Made from durable 92gsm non-microporous PE laminate. CE certified Category III for protection against Type 3 hazards (liquid splashes, even under pressure), 4, 5, and 6. Complies with EN 1073-2, EN 1149-5, and EN 14126 standards.



● LAB COATS

3M 4400

Made from a durable 60gsm non-woven material, with a microporous laminate for excellent protection against splashes, paired with an SMMMS back panel. CE certified for Type 5 and 6.





● HELMETS

Head protection is essential for your safety. The task at hand is already demanding, and the helmet should not make it more difficult. It is designed to provide unmatched comfort, meeting the needs of workers who operate both at heights and on the ground.



3M Secure Fit X5000 - Climbing

They feature six adjustable positions and a 4-point strap system to switch between EN 397 (industrial helmets) and EN 12492 (mountaineering helmets). They are ventilated, rimless, and include 3M UVicator sensors that indicate exposure levels to harmful ultraviolet (UV) light. The helmets have easily adjustable 6-point suspension systems, incorporating exclusive 3M Pressure Diffusion technology. Available in a wide range of colors with optional reflectors.



3M Secure Fit X5500 - Industrial Environments

Featuring adjustable positioning and easy-to-adjust 4-point suspension systems with exclusive 3M Pressure Diffusion Technology, they are equipped with 3M UVicator sensors that indicate harmful levels of ultraviolet (UV) radiation. Compliant with the EN397 standard for general industrial use, they are available in various colors, with or without vents, and offer a 4-point ratchet suspension for customizing height and fit through multiple vertical adjustments.

3M G3000 Series - Industrial Environments

Developed in close collaboration with industrial and forestry workers, this helmet is designed for demanding environments that require superior protection, optimal ventilation, and maximum visibility. Its sleek design allows falling objects to slide off effortlessly without displacing the helmet. The series features a smooth construction with no sharp edges, exceptionally comfortable padding, and 3M UVicator sensors that indicate excessive exposure to ultraviolet (UV) radiation.



● HELMETS

Head protection is essential for your safety. The task at hand is already demanding, and the helmet should not make it more difficult. It is designed to provide unmatched comfort, meeting the needs of workers who operate both at heights and on the ground.



3M G3501 Series - High Temperature

Designed to provide high levels of safety in demanding situations, such as temperatures up to +150°C, sparks, or metal splinters. It includes a leather sweatband for added comfort and a headband that rotates 180° for better visibility in tight spaces. The helmet offers electrical insulation up to 1000V in accordance with EN50365, making it suitable for low voltage environments.

3M H700 Series - Industrial Settings

A range of sturdy yet lightweight helmets featuring plastic sweatbands and ventilated headbands for added comfort. They come with a short visor and a headband that rotates 180° for improved visibility in tight spaces. Available with either ratchet suspension or pivot lock. The short visor enhances upward visibility.



3M Bump Cap First Base 3 | First Base +

3M First Base 3 provides head protection in accordance with EN 812 A1 standards. Available in a variety of styles, they feature different brim lengths, fabrics, and colors. These helmets are equipped with an ergonomically designed ABS plastic shell for optimal comfort. The 3M First Base+ is specifically designed to offer minimal head protection against minor impacts and cuts from stationary objects. Featuring a patented flexible cup design made from durable ABS plastic, they provide industrial impact protection in compliance with EN812 regulations.



HEAD PROTECTION

● **FACESHIELDS**

3M SV Series for X5 Series Helmets

The 3M SV Series is molded from polycarbonate and features an anti-fog and anti-scratch coating. This transparent visor is compatible with the 3M SecureFit safety helmets in the X5000 and X5500 series.



3M 5 Series

It's a range of polycarbonate, acetate, and mesh faceshields, certified to EN 166:2001 and EN 1731:2006, designed to protect against high-speed particle impacts and other industrial or forestry hazards. These faceshields are compatible with 3M SecureFit X5000 & X5500 and G3000 Safety Helmets, as well as G500 headgear.

3M WP Series

3M WP-Series Faceshields is a range of polycarbonate and acetate faceshields, certified to EN 166:2001, designed to protect against high-speed particle impacts and other industrial hazards. These faceshields are compatible with 3M™ SecureFit™ X5000 & X5500 Safety Helmets and H8 headgear.



HEAD PROTECTION

● **WELDING HELMETS**

3M Speedglas G5-01

The 3M WP-Series Faceshields is a range of polycarbonate and acetate faceshields, certified to EN 166:2001, designed to protect against high-speed particle impacts and other industrial hazards. These faceshields are compatible with 3M™ SecureFit™ X5000 & X5500 Safety Helmets and H8 headgear.



3M Speedglas Series 9100

It protects workers from radiation, heat, and sparks while providing a clear view of the work. Get an auto-darkening helmet with optional side windows and seven variable dark shades (5, 8, and 9-13), suitable for most types of arc welding.

3M Speedglas Series 100

It helps protect welders from flying sparks and airborne debris, while the Auto-Darkening Lens keeps the eyes safe from the intense light of MIG, TIG, and stick welding, providing a clear view of the workspace before, during, and after the weld.



Adflo Powered Air Purifying Respirator

It's designed to protect the eyes and face from radiation, sparks, and spatter. This system also includes respiratory protection, head protection, optional hearing protection, and a flip-up welding shield.

● SAFETY WALK TAPES

Anti-slip tapes are made of abrasive particles combined with synthetic resins on a durable, dimensionally stable backing. They are designed to reduce risks associated with flooring in various environments.



3M General-Purpose Safety-Walk

Intense Pedestrian and Vehicular Traffic

Anti-slip coating made of abrasive particles bound by synthetic resins on a sturdy, dimensionally stable backing. Suitable for stairs, office entrances, residential buildings, ramps, walkways, lifts, machinery platforms, etc.



Name	Color
610	
620	
630	
613	

3M Safety-Walk Coarse Tape

Critical Conditions

Anti-slip coating made of larger abrasive particles. It maintains its anti-slip properties in the presence of debris, mud, and oils. Suitable for environments with dust and debris: agricultural equipment and machines, road construction sites, vehicles and construction equipment, earthmoving machines, cranes.



Name	Color
710	

3M Safety-Walk Conformable

Irregular or Curved Surfaces

Anti-slip coating made of abrasive particles scattered on a flexible aluminum backing, designed to conform to irregular surfaces. Due to its ability to adapt to unevenness, it is recommended for curved or non-uniform surfaces (e.g., ladder and warehouse stairs, walkways, earthmoving machinery, etc.).



Name	Color
510	
530	



● SAFETY WALK TAPES

Anti-slip tapes are made of abrasive particles combined with synthetic resins on a durable, dimensionally stable backing. They are designed to reduce risks associated with flooring in various environments.



3M Safety-Walk Resilient Medium

Areas for Barefoot or Footwear Traffic

Medium-thickness rubber structured surface designed to provide a comfortable and hygienic anti-slip coating. Recommended for use in areas where barefoot walking or light footwear traffic is expected. Ideal for changing rooms, boats, and sports equipment.



Name	Color
310	●
370	○

3M Safety-Walk Resilient Fine

Barefoot Walking Areas

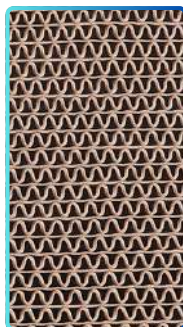
Thin structured rubber surface designed to provide a comfortable, hygienic, and aesthetically pleasing anti-slip coating. Suitable for all wet barefoot walking areas. Ideal for shower areas, changing rooms, and saunas.



Name	Color
280	○
220	○

3M 3200 Safety Walk Mat for Wet Areas

The open 'S' structure allows water drainage, keeping the surface drier than the surrounding area. The vinyl composition makes it bacteriostatic and resistant to various agents such as chlorinated water, body creams, UV rays, and most cleaners and disinfectants.



3M Sealant 150ml Wet Areas

Transparent in color, it should be applied around the edges of the Safety Walk tape, ensuring that the sealant covers both the edge of the tape and the floor. After 30 minutes, the area is ready for use.





PAG. 105-109

SEMI-AUTOMATIC CASE SEALER

Selection Guide
Models Available

105
106



PAG. 109-110

AUTOMATIC CASE SEALER

Models Available

109



PAG. 111-112

ACCESSORIES

Accessories for Taping Machines
Taping Heads

111
112



PAG. 112

REPLACEMENT PARTS

Case Sealers' Spare Parts

112



PAG. 113-114

OTHER MACHINES

Pallet Wrapping
Strapping Machine
Heat-Saeler
Cardboard box moulder

114
115
115
115



3M-MATIC CASE SEALERS

This business is so important for our company that since 1 June 2016 we are the only authorised 3M distributor selling 3M-Matic™ machines in Italy. These innovative solutions help improve productivity, reduce costs, and streamline the process of speeding up and packaging products with ease.



Key Reading

Every case sealer has a 'speaking' designation.

Model	Belt Drives	Boxes	Additional features
800rf	8: laterals	r: random	f: automatic closing of flaps
800asb	8: laterals	a: adjustable	sb: small boxes
7000a Professional	7: uppercase and lowercase	a: adjustable	PRO: big boxes

Comparing Products

Model	Operator	Boxes		L x W x H*		Tape (mm)	Dragging
		Adjustable	Random	Max. Size	Min. Size		
7000a 7000a3	✓	✓		152 x 178 x 114	∞ x 546 x 622	50 75	↕
7000a PRO 7000a3 PRO	✓	✓		152 x 165 x 114	∞ x 660 x 711	50 75	↕
800asb	✓	✓		150 x 100 x 70	∞ x 545 x 570	38 50	↔
8000a	✓	✓		152 x 114 x 108	∞ x 546 x 711	50 75	↔
8000a3	✓	✓		152 x 140 x 108	∞ x 546 x 711	50 75	↔
8000af		✓		152 x 121 x 121	762 x 546 x 622	50 75	↔
8000af3		✓		152 x 145 x 121	762 x 546 x 622	50 75	↔
7000r 7000r3	✓		✓	150 x 165 x 115	∞ x 550 x 660	50 75	↕
7000r PRO 7000r3 PRO	✓		✓	152 x 165 x 115	∞ x 660 x 660	50 75	↕
800rf			✓	200 x 160 x 140	600 x 500 x 500	50 75	↔

*Check the available heights (H) in the specifications of each case sealer.

7000a

This machine has 4 drive belts (2 lower and 2 upper) and it can seal boxes of the same size at a rate of up to 30 packages per minute (depending on their length) with operator intervention. The sealing speed is around 0.38 m/s, featuring a 3M Accuglide 2+ taping head.

The 3M 7000a3 model is identical to 7000a, but it comes standard with the taping head that enables the use of 75 mm tape.



	Boxes L x W x H*				Speed	Tape	Taping Head
	Belts	Min.	Max.	Max. Weight			
7000a 7000a		152 x 178 x 114	∞ x 546 x 622	38,5 kg	30 scat/min	50 75 mm	AG 2 AG 3

	*Max. Height (mm)		*Min. Height (mm)	
	Min.	Max.	Min.	Max.
7000a 7000a	165	724	90	622

	Case Sealer (mm)		
	L	W	H
7000a 7000a3	1021	787	1346-2134

7000a PRO

This is an upgraded model of 3M 7000a, designed for bigger boxes. It features 4 drive belts that enable sealing boxes of identical dimensions at a rate of up to 40 packages per minute (depending on their length) with operator intervention. The sealing speed is around 0.5 m/s, incorporating a 3M Accuglide 3 taping head.

The 3M 7000a3 PRO model is identical to 7000a PRO, but it comes with the taping head that enables the use of 75 mm tape as standard.



	Boxes L x W x H*				Speed	Tape	Taping Head
	Belts	Min.	Max.	Max. Weight			
7000a PRO 7000a PRO3		152 x 165 x 114	∞ x 660 x 711	38,5 kg	40 scat/min	50 75 mm	AG 2 AG 3

	*Max. Height (mm)		*Min. Height (mm)	
	Min.	Max.	Min.	Max.
7000a PRO 7000a PRO3	311	601	n/d	n/d

	Case Sealer (mm)		
	L	W	H
7000a PRO 7000a PRO3	940	1030	1420-2210

800asb

It's made for sealing small boxes and it features two side drive belts, enabling the closure of up to 28 boxes per minute (depending on box length) with operator assistance. The sealing speed reaches about 0.29 m/s.



Boxes L x W x H*

	Belts	Min.	Max.	Max. Weight	Speed	Tape	Taping Head
800asb		150 x 100 x 70	∞ x 545 x 570	38,5 kg	28 scat/min	38 50 mm	AG 2+

*Max. Height (mm)

*Min. Height (mm)

	Min.	Max.	Min.	Max.
800asb	108	670	n/d	n/d

Case Sealer (mm)

	L	W	H
800asb	920	980	1335-2184



8000a

This solution is ideal for handling large volumes, featuring double lateral drive belts that enable the sealing of boxes of identical sizes at a rate of up to 40 packages per minute (depending on their length) with operator assistance. The sealing speed is around 0.5 m/s.

The 3M 8000a3 model is identical to 8000a, but it comes standard with the taping head that enables the use of 75 mm tape.



Boxes L x W x H*

	Belts	Min.	Max.	Max. Weight	Speed	Tape	Taping Head
8000 a		152 x 114 x 108	∞ x 546 x 711	38,5 kg	40 scat/min	50 mm	AG 2 AG 3
8000a3		152 x 140 x 108	∞ x 546 x 711	38,5 kg	40 scat/min	75 mm	AG 2 AG 3

*Max. Height (mm)

*Min. Height (mm)

	Min.	Max.	Min.	Max.
8000 a	314	908	95	696
8000a3	314	908	95	696

Case Sealer (mm)

	L	W	H
8000 a	920	980	1395-2185
8000a3	920	980	1395-2185



● 8000af

It's the most comprehensive semi-automatic device among the options that enables the sealing of boxes of the same size at a rate of up to 40 packages per minute (depending on their length), without the need for an operator. The sealing velocity is around 0.5 m/s, featuring a 3M Accuglide 3 taping head.

The 3M 8000af3 model is identical to 8000af, but it comes standard with the taping head that enables the use of 75 mm tape.



Boxes L x W x H*

	Belts	Min.	Max.	Max. Weight	Speed	Tape	Taping Head
8000af	↔	150 x 121 x 121	762 x 546 x 622	38,5 kg	40 scat/min	50 mm	AG 2 AG 3
8000af3	↔	150 x 145 x 121	762 x 546 x 622	38,5 kg	40 scat/min	75 mm	AG 2 AG 3

*Max. Height (mm) *Min. Height (mm)

	Min.	Max.	Min.	Max.
8000af	222	724	95	197
8000af3	222	724	95	197

Case Sealer (mm)

	L	W	H
8000af	3520	1045	1810-2090
8000af3	3520	1045	1810-2090

● ADDITIONAL MODELS

If the existing models do not align with your packaging requirements, you have the option to ask for taping machines designed for oversized boxes.

Boxes L x W x H*

	Belts	Min.	Max.	Tape (mm)
700aks	↕	120 x 175 x 150	∞ x 650 x 650	50 75
700rks	↕	150 x 175 x 120	∞ x 645 x 645	50 75

*Max. Height (mm) *Min. Height (mm)

	Min.	Max.	Min.	Max.
700aks	390	915	100	600
700rks	385	910	120	645





7000r

It's an operator-required automatic sizing machine equipped with double lower and upper drive belts, designed to seal boxes of various sizes. It can handle up to 15 packages per minute, depending on their length, and features a fixed input roller conveyor for efficient operation.

The 3M 7000r3 model is identical to 7000r, but it comes standard with the taping head that enables the use of 75 mm tape.



Boxes L x W x H*

	Belts	Min.	Max.	Max. Weight	Speed	Tape	Taping Head
7000r 7000r3		152 x 165 x 115	∞ x 550 x 660	38,5 kg	15 scat/min	50 75 mm	AG 2 AG 3

*Max. Height (mm) *Min. Height (mm)

	Min.	Max.	Min.	Max.
7000r 7000r3	317	914	57	647

Case Sealer (mm)

	L	W	H
7000r 7000r3	1180-1637	790	1575-2185

7000r PRO

It represents an upgraded model of the 3M 7000r, designed to manage bigger boxes. It features drag belts that enable the sealing of boxes of identical dimensions at a rate of up to 24 packages per minute (depending on their length) with operator supervision.

The 3M 7000r3 PRO model is identical to 7000r PRO, but it comes standard with the taping head that enables the use of 75 mm tape.



Boxes L x W x H*

	Belts	Min.	Max.	Max. Weight	Speed	Tape	Taping Head
7000r PRO 7000r3 PRO		152 x 165 x 115	∞ x 660 x 660	38,5 kg	24 scat/min	50 75 mm	AG 2 AG 3

*Max. Height (mm) *Min. Height (mm)

	Min.	Max.	Min.	Max.
7000r PRO 7000r3 PRO	317	914	57	647

Case Sealer (mm)

	L	W	H
7000r PRO 7000r3 PRO	1180-1637	959	1575-2642

● 800rf

It's the most comprehensive and automated machine available, eliminating the need for an operator. It features an automatic flap closer, double lateral drive belts, safety bulkheads, and a fixed entry roller conveyor. It can close 10/15 boxes per minute, depending on their length.



Boxes L x W x H*

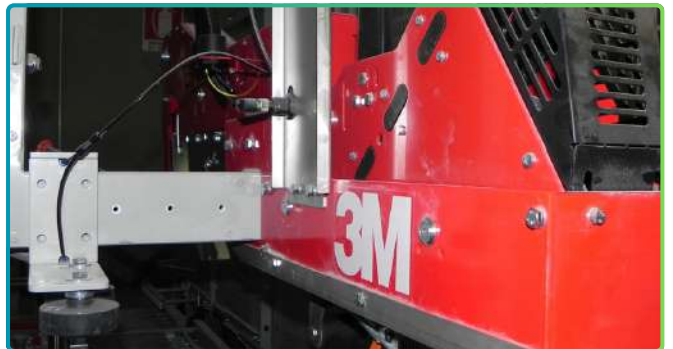
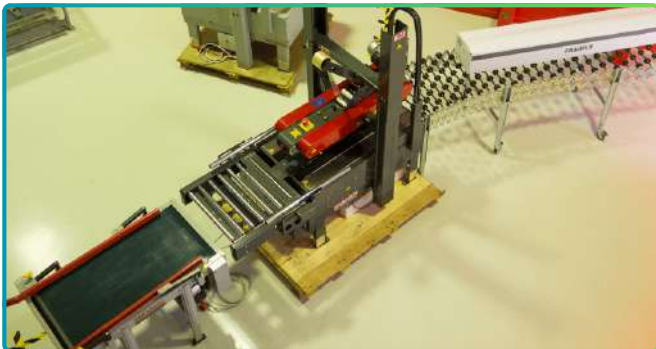
	Belts	Min.	Max.	Max. Weight	Speed	Tape	Taping Head
800rf	↔	200 x 160 x 140	600 x 500 x 500	38,5 kg	10 o 15 scat/min	50 75 mm	AG 2 AG 3

*Max. Height (mm) *Min. Height (mm)

	Min.	Max.	Min.	Max.
800rf	n/d	n/d	n/d	n/d

Case Sealer (mm)

	L	W	H
800rf	3310	1120	1830-2050



TAPING MACHINE ACCESSORIES

AS7 | AS77 Wheelset

It's a set of wheels for mobility of the taping machine within the workspace. The AS7 model features a 76 mm diameter, whereas the AS77 model features a 100 mm diameter.



Flap Closure AS94

The flap closer enhances the folding of 3 flaps of the box, significantly speeding up the production process.

Expandable Roller Conveyor

It's an ideal solution for transporting boxes, crates, and packages with flat surfaces. It features sturdy metal legs for stability and durability, and plastic rollers along with sliding wheels for smooth maneuvering of packages. The conveyor can be configured into various paths, including curves of up to 180°, thanks to its maximum length of 4.6 meters. Additionally, it is easy to extend and fold, offering flexibility in different operational setups.



Fixed Roller Conveyor AS30 | AS36

It's ideal for transporting items of various sizes and shapes. It features 32 or 48 mm diameter zinc-plated rollers, making it efficient for handling packages. The adjustable height supports allow for customization to fit different operational needs. The AS30 variant measures 450 mm in length, while the AS36 variant is 1210 mm long, both with adjustable supports to ensure versatile configuration options for your workflow.

Motorized Roller 90° Diverter

It's designed to move packages from one conveyor to another perpendicular conveyor. It consists of a motorized roller conveyor combined with a chain system placed horizontally between the rollers. When a package reaches the designated transfer point, the rollers stop, and the chain system is pneumatically lifted to shift the package onto the perpendicular conveyor.



AS6 Box Stop for Fixed Roller Conveyors

It's an accessory designed for fixed roller conveyors with idle rollers. It is a cost-effective and practical solution used to secure boxes in place during the filling process. This device prevents unwanted movement of packages.

● TAPING HEAD

3M Accuglide 2+ Upper/Lower Taping Head

It's designed for efficient and reliable box sealing, emphasizing three key aspects: consistent tape application, minimal maintenance, and a long operational lifespan. It is compatible with both 50 mm and 75 mm tapes and operates at speeds of up to 24 meters per minute. The taping heads are positioned both at the top and bottom of the box, ensuring both seams are sealed simultaneously for enhanced productivity and reliable sealing performance.



3M Accuglide 3 Upper/Lower Taping Head

It offers efficient and accurate box sealing, prioritizing consistency, low maintenance, and long-lasting durability. It supports both 50 mm and 75 mm tapes and operates at speeds of up to 30 meters per minute. The taping heads are positioned at both the top and bottom of the box, ensuring that both seams are sealed simultaneously for optimal sealing performance and enhanced productivity.

REPLACEMENT PARTS

● SPARE PARTS FOR TAPING HEADS AND CASE SEALERS



3M Knives

These are the tape head blades that require replacement. The codes available are:

ISBN 78-8017-9173-8: 50mm
ISBN 78-8028-7899-7: 75mm



3M Upper Spring | Lower

The correct forces are required to cut the tape. The codes available are:

Silver upper spring: 78-8070-1274-1
Black lower spring: 78-8070-1273-3



3M Buffing Roller

These replacement rollers are to be used on the box exit side. The codes available are:

ISBN 78-8137-1398-5: 50mm
ISBN 78-8137-1397-7: 75mm



3M Applying Roller

These replacement rollers are to be used on the box entry side. The codes available are:

ISBN 78-8137-1438-9: 50mm
ISBN 78-8137-1392-8: 75mm



3M Transmission Rings

They're made of orange polyurethane and they serve as a component in the majority of 3M taping machines.



3M Belt Drive

It plays a crucial role in ensuring the reliable closure of boxes, enhancing process productivity.





● PALLET WRAPPING ONEWRAP

It's the optimal solution for wrapping pallets with irregular and fragile loads. It features an intuitive control panel with easy-to-understand icons, making it simple to operate. This system ensures efficient wrapping with minimal operator intervention, providing optimal load security while preventing damage to delicate items.

Technical specifications



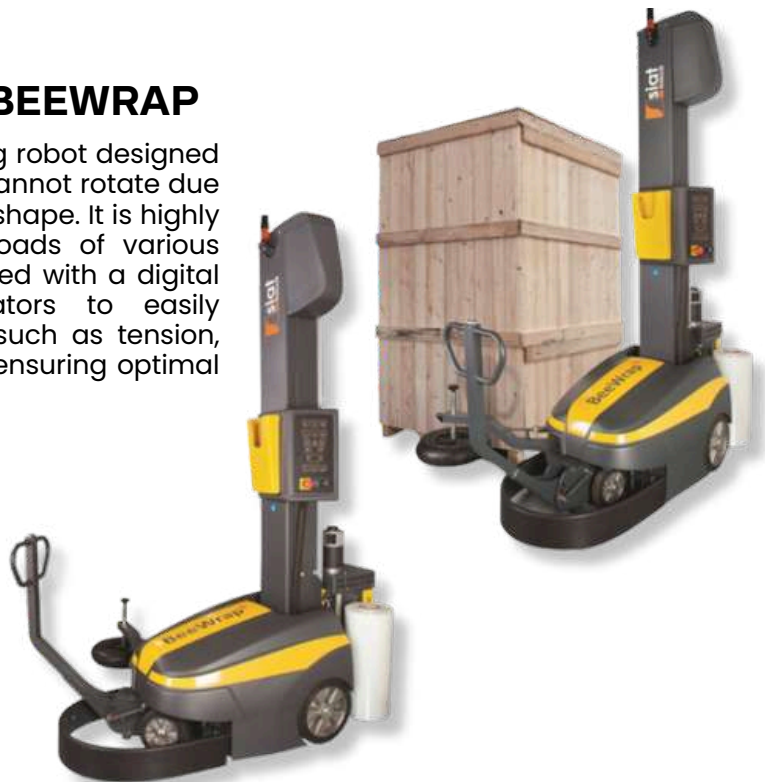
Details

- 5 distinct operational modes
- Adjustable overwrap quantity
- Platform rotation lock function
- Photocell for measuring pallet height
- Varying cart velocity during the climbing and descending stages
- Ability to personalize the machine with various platforms, trolleys, and columns.

● PALLET WRAPPING BEEWRAP

It's a self-propelled pallet wrapping robot designed to stabilize and wrap pallets that cannot rotate due to instability, lightness, or irregular shape. It is highly versatile, suitable for wrapping loads of various shapes, sizes, and weights. Equipped with a digital control panel, it allows operators to easily customize wrapping parameters such as tension, speed, and the number of wraps, ensuring optimal protection and load security.

Technical specifications



Details

- Bumper safety sensors
- Light and sound safety indicator
- Photocell for reading pallet height
- Rudder for directing robot movement
- Sophisticated control panel: capable of storing up to 10 program
- Operational capacity of up to 300 pallets without requiring recharging.

● M1E STRAPPING MACHINE

It's a semi-automatic strapping machine that offers a reliable and versatile solution for packaging parcels of various sizes and types. Designed for portability, it features wheels for easy relocation, making it ideal for use in a variety of environments. Despite its lightweight design, the M1 is built for durability and efficiency, capable of performing up to 20 strapping operations per minute.



● M2 STRAPPING MACHINE

It's an automated strapping machine designed to securely package a wide range of items, making it an ideal solution for businesses with varying packaging needs. Known for its high reliability, the M2 is one of the most popular devices on the market. Its customizable arches allow it to easily accommodate large packages, offering flexibility for different product sizes.



● 3M 300CF BOX BOTTOM SEALER

It's a pneumatic box bottom sealer that uses adhesive tape to efficiently handle the entire process of box assembly. It picks up, opens, folds, and seals cardboard boxes, preparing them for the next stage in the packaging process. This device operates without the need for electricity, making it a cost-effective and energy-efficient solution. It also includes a filter and air regulator for optimal performance.



● HEAT-SEALER

There are over 20 models of heat-sealers, each designed to meet a variety of sealing needs in a convenient and cost-effective manner. These machines are perfect for welding polypropylene up to 0.08 mm thick and polythene up to 0.2 mm thick. The heat-sealers feature an adjustable timer, allowing users to customize the temperature based on the thickness of the material being welded. A warning light indicates the accuracy of the welding process.



Product	Welding (LxW)	Weight
EPM 200	mm 200x2 mm	5 kg
EPM 300	mm 300x2 mm	6 kg
EPM 400	mm 300x2 mm	7 kg



PAG. 116-118

BOX CLOSING AND TRASPORTING

Polypropylene and Polyester Strapping
Strap Holders and Strap Tensioners
Stapler and Staples
Packing List

116
 117
 118
 118



PAG. 119-121

BOX PROTECTION AND BOX FILLING

Stretch Film
Air and Foam Bubbles
Protective Corners
Expanded Polystyrene
Shrinkable Polyethylene
Stretch Tape

119
 120
 120
 120
 121
 121



● POLYPROPYLENE STRAPPING

It's a versatile and reliable packaging material designed to securely seal packages, ensuring their stability and safety during transportation. It is particularly well-suited for medium to light packages, offering consistent elastic retraction to keep items tightly secured. It's compatible with both automatic and manual application. The operational temperature ranges from -40° to +100°C. Customized printing can be requested.



WxL	Thickness (mm)
mm 9x3500 m	0,6
mm 12x3000 m	0,5
mm 12x2000 m	0,6 0,7 0,8
mm 15x2000 m	0,65
mm 15x1500 m	0,8

● POLYESTER STRAPPING

It's perfect for packaging products of different shapes and sizes. This strap offers excellent anchoring capacity to seal even the heaviest packages securely during shipping. It maintains its shape without stretching, ensuring load fastening under compression. The strap is available in embossed or smooth finishes and can withstand temperatures ranging from -20° to +120°C.



WxL	Thickness (mm)
mm 15x1750 m	0,7



● **STRAP HOLDERS**

It's designed to allow easy handling and convenient unwinding of plastic strap coils for manual use.



PL60

It's designed for small spools of strapping, both polypropylene and polyester.



Model	Diameter (mm)
PL60	62

M4000

It's designed for large spools of strapping, both polypropylene and polyester.



Model	Diameter (mm)
M4000	400

BOX CLOSING AND TRASPORTING

● **STRAP TENSIONERS**

It's made for easy strapping, sealing and cutting. It's used to make packaging safer and more comfortable to work with.



FAPLAST 13|16
Manual Strapping Tool

It's a versatile model designed for various requirements, intended for utilization solely with polypropylene or polyester straps. Steel levers encased in anti-slip rubber. Utilizes open-type seals.



Model	Strapping (mm)
FAPLAST 13	12 13
FAPLAST 16	15 16

GT-ONE Battery-Powered Strapping Tool

It enables you to modify the welding time based on the strapping type utilized and can be utilized anywhere as it is not connected to electrical cords. It weighs approximately 4.2 kg (with battery) and takes around 25 minutes to charge; each charge allows for up to 3000 strappings to be performed using vibration welding. The batteries are lithium, and the charger is provided.



Model	Strapping (mm)
Toyota GT One	10 and 16

● STAPLER AND STAPLES

These are specially crafted and produced for sealing cardboard boxes. They come in manual and pneumatic versions, suitable for small and large-scale productions. The models vary based on the type of point utilized.



ROCAMA 10

It's durable, ergonomic, dependable, and tailored for high-level performance in fastening, upholstery, carpentry, and window dressing tasks.



Code	Points
0104102	104 - 107
0104103	105 - 108 - 110
0104105	105/13 - 108/13 - 110/13

RO-MA MART 13

It's an hammer stapler designed for nickel-plated steel staples, perfect for securing insulation and roofing materials, tar paper, labels on wooden crates, fabric, nets, and fruit crates.



Code	Points
0190162	13/4 - 13/6

ROMABOX PNEUMATIC

It's specifically designed for cardboard sealing, enabling the quick and cost-effective creation of well-sealed packages. Ideal for high volumes.



Code	Points
0171301	32/15 - 32/18
0171310	35/15 - 35/19

ROMABOX MECHANICAL

It's specifically designed for cardboard sealing, enabling efficient and cost-effective packaging. Ideal for small to medium quantities.



Code	Points
0171101	32/15 - 32/18
0171110	35/15 - 35/19

METAL TIPS

They're compatible with all staplers.



BOX CLOSING AND TRASPORTING

● PACKING LIST

The self-adhesive envelope 'packing list' serves as a reliable document holder that securely attaches to various materials such as fabric, metal, plastic, cardboard, etc., eliminating the need for glue, staples, and labels. Different sizes are offered based on customer requirements.



*Polyethylene options are available in various sizes based on customer requirements.
Paper sizes available: 240x175 mm or 240x130 mm.*

● STRETCH FILM

The stretch film is commonly used for wrapping materials or palletized loads and it's currently the most prevalent and cost-effective solution available. There are available various versions in different thicknesses, colors, viscosities, etc., suitable for both manual or automatic applications.



Manual Use

It's recommended to choose manual application of the stretch film when wrapping fewer than 15 pallets per day. The film should be used with the adhesive side towards the load. For best results, it's recommended to start by making a maximum of 3 turns first under and then over the pallet.

Packaging	6 pieces
Height	500 mm
Diameter	50 or 76 millimeters
Colors*	

Others upon request.

SR Applicator

It's a versatile metal applicator designed for manual stretch film rolls with internal diameter mandrels of 50 and 76 mm.



SP 50 Applicator

It's an economic and plastic applicator for mandrels with an internal diameter of 50 mm.



Automatic Use

It's recommended to choose the automatic application of stretch film when wrapping over 15 pallets daily. The thickness of this stretch film type varies from 0.017 mm to 0.035 mm, with other thickness options available upon request.

Packaging	16 kg
Height	250 500 mm
Diameter	76 mm
Colors*	

*others upon request.

Fasciapallet OneWrap

Further information can be found on page 113.



Robotic BeeWrap

Further information can be found on page 113.



RECYCLED STRETCH FILM



There are additional choices of **30%** or **51%** recycled stretch film, suitable for both manual and automatic application. This product meets the upcoming European regulations.

● AIR BUBBLES AND FOAM

They're a shock-absorbing packaging, commonly used to protect objects from impacts. This well-tested product provides exceptional protection and comes in rolls, sheets, and envelopes in different formats.



AIR BUBBLES

It represents the ideal protection for any kind of packaging, delicate or heavy, and it's available in different sizes and heights.

H (cm)	25 50 100 120 150 200
L (m)	100 200
Weight (gr/m2)*	45 115

*others upon request

AIR BUBBLES COMBINED WITH KRAFT PAPER

It's a product that eliminates the transparency of the packaging itself and offers a ready-made surface for writing or applying labels.

H (cm)	120 150
L (m)	125

EXPANDED POLYETHYLENE

It's a pliable and flexible material, ideal for wrapping fragile items or providing insulation. It's free of CFC and safe for use.

H (cm)	120 150 200
L (m)	500 250
Thickness (mm)	1 2

3M CUSHION LOCK STRETCH PAPER

It's made of 100% recyclable stretch paper. This material self-adheres and protects items, preventing them from shifting within the container during transportation. It can stretch up to 60 times its initial size, providing excellent protection. Additionally, it tears effortlessly by hand, eliminating the need for scissors.

H (cm)	304
L (m)	304
Thickness (mm)	4,7

BOX PROTECTION AND BOX FILLING

● PROTECTIVE CORNERS

The use of these protective corners provides cost-effective protection for corners, reinforcement of packaged items, and increased stacking strength.

Available in black plastic: 40x40mm or 60x60mm.

Available in pressed cardboard: various sizes, as requested by the customer.



BOX PROTECTION AND BOX FILLING

● EXPANDED POLYSTYRENE

Polystyrene is an essential filling material used to protect packages from damage during shipping. It serves as a reliable shock absorber, providing protection against moisture. This system is hygienic, odorless, lightweight, and resistant to deformation. It's conveniently available in 1/4 m³ bags.



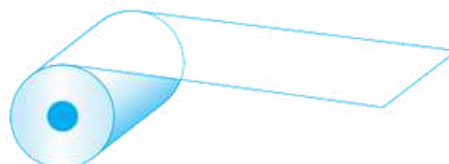
● SHRINKABLE POLYETHYLENE

It's ideal material for protecting various products. It's waterproof, transparent, and durable, available in different options. It can be personalized with printing in up to 3 colors.



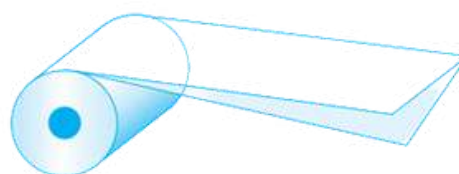
LD FLAT FILM

It's a high/low-density, flat, high-grade, non-toxic product. Different heights and thicknesses are available on request.



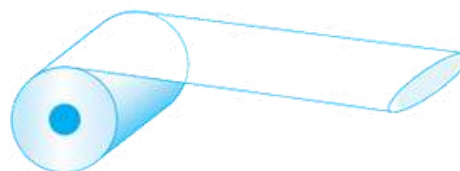
LD MONOPIGMENTED FILM

It's a low-density, single-fold, and non-toxic products, that are available in various heights and thicknesses upon request.



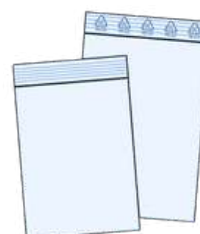
TUBULAR FILM

It's a low-density and non-toxic product suitable for use with flexible packaging material. Various heights and thicknesses are available upon request.



LD SACHET

They're made of tubular film of high or low density. Their transparency enables easy visibility of the contents. They are available in different standard sizes and can also be customized upon request.



BOX PROTECTION AND BOX FILLING

● 3M 8886 STRETCH TAPE

This tape is highly innovative because it can be stretched like a film. It offers high extension power and excellent resistance, making it perfect for temporary wrapping or packaging that needs product ventilation. It also doesn't obscure or damage packaging labels. It's suitable for manual application or with a specialized pallet wrapper. Thickness: 0.15 mm.

Sizes available: 36x55 mm | 36x500 mm





PAG. 123-132

DISCS

<i>Selection Guide</i>	123	<i>TNT Discs</i>	130
<i>Fibre discs</i>	126	<i>Quick Attachment</i>	131
<i>Flap Discs</i>	127	<i>Cut-Off, Deburring and Hybrid Discs</i>	132
<i>Backing Discs</i>	128		
<i>Mesh Discs</i>	129		



PAG. 134-135

BRUSHES AND WHEELS

<i>Bristle Brushes</i>	134
<i>Flap Brushes</i>	135
<i>Finishing and Deburring Wheels</i>	135



PAG. 136-137

ROLLS AND MANUALS PADS

<i>Cloth Tapes and Rolls</i>	136
<i>TNT Tapes and Rolls</i>	136
<i>Manual Pads</i>	137



PAG. 138-139

TAPES

<i>Cloth Backing Tapes</i>	138
<i>TNT Backing Tapes</i>	139



PAG. 140-142

EQUIPMENT AND SUPPLIES

<i> HOLDERS and Backing Pads</i>	140
<i>Grinders</i>	141
<i>Sanders and Aspirators</i>	142



SELECTION GUIDE

It's crucial selecting the appropriate abrasive for achieving high-quality outcomes in various fabrication and finishing tasks on different materials such as metal, wood, plastic, and more. Below are the primary applications:

Cut

Precise material cutting.

Appropriate for:
Angle and Flexible Grinders

1



Sanding

Removing welds and burrs.

Appropriate for:
Bench Grinder and Grinding Wheel

2



Material Removal

Removing of thick weld beads and surplus material.

Appropriate for:
Adaptable Grinders

3



Smudging

Removing burrs, refining sharp edges.

Appropriate for:
Grinders

4



Grinding

Processing to achieve a smooth finish on specific areas.

Appropriate for:
Grinding Machines and Abrasive Cubes

5



Preparing Surface

Preparing surfaces for coating by removing dirt or rust.

Appropriate for:
Angle Grinders, Orbital Sanders, Grinders, and Mini

6



Sanding

Polish the exterior.

Appropriate for:
Angle Grinders, Orbital Sanders, Grinders, and Mini

7



Polishing

Applying a glossy finish to complete the project.

Appropriate for:
Polishers

8



● SELECTION GUIDE: THE GRAIN FOR EVERY APPLICATION

USE	COARSE GRAIN (GRINDING)						FINE GRAIN (FINISHING)				
	24	30	36	40	50	60	80	100	120	150 180	180 320
1	✓	✓	✓	✓	✓	✓					
2	✓	✓	✓								
3	✓	✓	✓	✓	✓						
4				✓	✓	✓	✓	✓			
5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6						✓	✓	✓	✓	✓	✓
7						✓	✓	✓	✓	✓	✓
8									✓	✓	✓

● SELECTION GUIDE: DISCS

USE	Fibre Discs	Lamellar Discs	TNT Discs	Film Discs	Canvas Discs	Quick Connect Discs	Mesh Drives	Discs for Cutting	Discs for Deburring
1								✓	
2	✓	✓	✓	✓	✓	✓			✓
3	✓	✓	✓	✓	✓	✓			✓
4	✓	✓				✓			✓
5			✓	✓	✓	✓			
6	✓	✓	✓	✓	✓	✓			
7				✓					
8	✓		✓	✓	✓	✓			



● SELECTION GUIDE: WHEELS AND BRUSHES

USE	Polishing Wheels	Deburring Wheels	Bristles Brushes	Laminar Brushes
1				
2		✓	✓	✓
3		✓	✓	✓
4		✓	✓	✓
5			✓	
6			✓	✓
7			✓	
8	✓		✓	

● SELECTION GUIDE: ROLLS, PADS, AND TAPES

USE	Cloth Support	TNT Support	Manual Pads	Cloth Tape	TNT Tape
1					
2	✓	✓		✓	✓
3	✓	✓	✓	✓	✓
4				✓	✓
5	✓	✓	✓	✓	✓
6	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓
8			✓		



● FIBER DISCS

3M 982C Cubitron II

It features 3M Precision Shaped Grain Technology for improved speed and durability. It's recommended for removing welds, gouges, cavities and imperfections, edge chamfering and chamfering.



Grain	Diameter (mm)	
	Total	Hole
36+ 60+ 80+	115 125 180	22

3M 987C Cubitron II

It features 3M Precision Shaped Grain Technology for improved speed and durability, paired with a rigid fiber backing for improved efficiency in medium to heavy-duty tasks. It's suggested for weld elimination.



Grain	Diameter (mm)	
	Total	Hole
36+ 60+ 80+	115 125 180	22

3M Cubitron 3 1182C

It features 3M Precision Shaped Grain Technology, providing up to 51% quicker initial cutting speed and up to 61% faster continuous cutting speed compared to the 3M 982C. It is also crafted to minimize hand-arm vibration exposure.



Grain	Diameter (mm)	
	Total	Hole
36+	115 125 150 180	22

3M Cubitron 3 1187C

It features 3M Precision Shaped Grain Technology, providing up to 53% quicker initial cutting speed and up to 43% faster continuous cutting speed compared to the 3M 987C. It is also crafted to minimize hand-arm vibration exposure.



Grain	Diameter (mm)	
	Total	Hole
36+	115 125 150 180	22

3M Cubitron II 782C

It features 3M Precision Shaped Grain Technology and it includes a sturdy fiber backing and a durable resin bond for lasting durability and strength. It's crafted for high-speed cutting on carbon steel.



Grain	Diameter (mm)	
	Total	Hole
36+ 60+ 80+	115 125 180	22

3M Cubitron II 787C

It features 3M Precision Shaped Grain Technology and it includes a sturdy fiber backing and a durable resin bond for lasting durability and strength. It's made with a grinding additive and engineered to provide rapid cutting on stainless steel and high nickel alloys.



Grain	Diameter (mm)	
	Total	Hole
36+ 60+ 80+ 120+	115 125 180	22



● FLAP DISCS

3M Cubitron II 969F

The resilient polyester cloth flap design provides a smooth, consistent cut on curved and irregular surfaces. It includes a specialized grinding additive and a semi-flexible Y-weight backing that enhances the durability and strength of each flap.



Grain	Diameter (mm)	Hole
40+ 60+ 80+	115 125 180	Piano
40+ 60+ 80+	115 125 180	Conical

3M Cubitron II 967A

It offers improved cutting speed across low, medium, and high-pressure applications. Ideal for flat surfaces and outer edges, especially where a high-quality finish is essential. Reduced operating temperature minimizes the chances of discoloration, oxidation, and cracking.



Grain	Diameter (mm)	Hole
40+ 60+ 80+	125	-
40+ 60+ 80+	115 125 180	Piano
40+ 60+ 80+	115 180	Conical

3M Cubitron II 769F

A durable, high-performance abrasive flap disc with 3M Precision-Shaped Grain and robust polyester backing, designed to outperform traditional aluminum-zirconium flap discs.



Grain	Disk	Diameter (mm)	Hole
40+ 60+	T29	115 125 180	Conical
80+ 120+	T29	115 125 180	Dish
40+ 60+	T27	115 125 180	Conical
80+ 120+	T27	115 125 180	Dish



● BACKING DISCS

3M Xtract Cubitron II 775L

This product features a multi-hole design that optimizes dust extraction during finishing tasks, eliminating the need to align with backing pad holes for quicker, easier disc changes. Equipped with 3M Precision-Shaped Ceramic Grain technology, it cuts smoothly into the substrate rather than digging in. The attachment type is Hook & Loop.



Grain	Diameter (mm)
80+ 120+ 150+ 180+, 220+ 240+ 320+ 400+	75 127 152 203

3M Cubitron II Hookit 775L

With 3M Precision-Shaped Ceramic Grain technology, this product cuts up to twice as fast and lasts up to six times longer than conventional abrasives. Ideal for various applications, especially material removal tasks. The attachment type is Hook & Loop.



Grain	Diameter (mm)
80+ 120+ 150+ 180+, 220+ 240+ 320+ 400+	75 127 152 203

3M Xtract Cubitron II 360L

It's made from aluminum oxide with a multi-hole design to improve dust extraction during finishing and sanding on softwoods or paint. The configuration removes the need to align with backing pad holes, allowing for quicker, easier disc changes. The attachment type is Hook & Loop.



Grain	Diameter (mm)
P220 P240 P280 P320 P400 P500 P600 P800 P1000	127 152

3M Trizact Hookit 466LA

These disc rolls use microreplication technology, with silicon carbide particles on a durable polyester backing, ideal for correcting paint imperfections in the automotive industry. The attachment type is Hook & Loop.



Grain	Diameter (mm)
A3 A5 A7	32 75

● PAPER BACKING DISC

3M Cubitron II Hookit 950U

Designed for optimal performance in body-in-white applications, this product features 3M Precision Shaped Grain Technology. The E-weight paper backing is specifically tailored for metal sanding and polishing. The attachment type is Hook & Loop.



Grain	Hole	Diameter (mm)
60+ 80+ 120+ 150+ 180+	5 15 17	125 150
60+ 80+ 120+ 150+ 180+	/	125 150



● CLOTH BACKING DISCS

3M Cubitron II Hookit 784F

This disc features 3M Precision Shaped Grain, combining ceramic abrasive and aluminum oxide for an optimal cut in medium-pressure removal and masking applications. It includes a water-resistant backing and a special additive to enhance cutting performance.



Grain	Weight	Diameter (mm)
36+ 60+ 80+	YF	125
120+	XF	125

3M Cubitron II Hookit 947A

This product features 3M Precision Shaped Grain and is built on a durable X-weight poly-fabric backing, enhancing performance across a range of metals.



Grain	Weight	Diameter (mm)
40+ 60+ 80+ 120+	X	75 115 125 150

DISCS

● MESH DISCS

3M Xtract Cubitron II 710W

It's a high-quality sanding disc with a mesh backing and unique Precision Shaped ceramic abrasive design, enabling nearly dust-free sanding.



Grain	Diameter (mm)
80+ 120+ 150+ 180+ 220+ 240+ 320+	34 75 125 150 200

3M Xtract 310W

It strikes the perfect balance between dust removal and abrasive efficiency. Made with aluminum oxide, it features a mesh design for nearly dust-free sanding and incorporates 3M Precision Shaped Grain technology for optimal performance.



Grain	Diameter (mm)
80+ 120+ 150+ 180+ 220+ 240+ 320+	75 125 150 200

● TNT DISCS

3M Cleaning and Stripping XT Pro

It effectively removes rust, paint, light scale and coatings from metal surfaces. The open nylon construction, combined with fine silicon carbide abrasive, makes the disc highly conformable, offering exceptional performance with an extra coarse grit.



Diameter (mm)

100 | 115 | 150 | 178 | 200

3M Clean and Strip XT Pro Extra Cut

Effectively removes stubborn rust, thick paint, and corrosion while cleaning welds. The aluminum oxide mineral efficiently strips away surface layers and smooths the underlying metal. Highly flexible, it features an extra-coarse grit for tough applications.



Diameter (mm)

75 | 100 | 115 | 125 | 150 | 178 | 200

3M Scotch-Brite SE SE-DB

It's an aluminum oxide surface conditioning disc designed for heavy-duty deburring, sanding, grinding, and finishing tasks. Ideal for a variety of substrates in both woodworking and metalworking, including ferrous alloys.



Grain

A FIN | A MED
| A CRS

Diameter (mm)

115 | 178

3M Scotch-Brite GB-DH

It's a grinding and masking discs feature a ceramic grain blend that delivers high cutting speed, making them ideal for efficient roughing and resurfacing of welds in carbon steel applications.



Grain

A CRS Super
Duty | A CRS
Heavy Duty

Diameter (mm)

115 | 125 | 180

3M DP-UD Deburring and Finishing PRO

A metalworking disc featuring compressed 3M Precision Shaped Grain integrated with silicon carbide abrasive. It offers low clogging and includes a conformable fiber for enhanced performance.



Grain

FN | MED+ |
CRS+ | XCRS+

Diameter (mm)

115

3M Scotch-Brite Cutting and Polishing

Aluminum oxide tools are designed for achieving satin or high-gloss finishes, ideal for light cleaning and deburring of various metals.



Grain

A MED

Diameter (mm)

200

3M Scotch-Brite EXL XL-UD

A compressed disc made by blending silicon carbide abrasive mineral with nylon fibers. It offers a tough, compacted structure for enhanced durability and resilience.



Grain

S FIN | A MED

Diameter (mm)

115



● QUICK ATTACHMENT DISCS

3M Cubitron II Roloc 947A

It provides a powerful and quick metal engraving cut, with a durable polyester and cotton backing. Featuring 3M Precision Shaped Grain, it is ideal for edge work.



Grain	Diameter (mm)
40+ 60+ 80+ 120+	50 75

3M Roloc 787C Disc

This abrasive wheel provides fast and efficient cutting for grinding metals such as stainless steel and high-nickel alloys. It features a robust fiber backing and a durable resin bond, incorporating 3M Precision Shaped Grain for improved performance.



Grain	Diameter (mm)
36+ 60+ 80+ 120+	50 75

3M Roloc Clean and Strip XT Pro

The disc features an open nylon structure embedded with fine silicon carbide abrasive mineral. It effectively removes rust, paint, scale, coatings, and adhesives from surfaces, while minimizing impact on the base material.



Grain	Diameter (mm)
S XCRS	50 75 100 125 150

3M Roloc Clean and Strip XT Pro Extra Cut

It's a grinding and masking disc that contains a ceramic grain blend that offers high cutting speed for optimal roughing and resurfacing of welds in carbon steel applications.



Grain	Diameter (mm)
A XCRS	100 125 150

3M Roloc Grinding Disc

It's made from a blend of abrasive particles, this disc is formulated with rapid-cutting ceramic aluminum oxide. It is specifically designed for optimal grinding and weld masking in carbon steel, as well as high heat and stress applications.



Grain	Diameter (mm)
SUPER HEAVY	50 75

3M Clean and Strip Roloc CG-RD

It's made to provide thorough cleaning without altering the original material, this product features a durable abrasive made of silicon carbide and non-woven nylon fibers bonded with a resin that gradually dissolves and disintegrates.



Grain	Diameter (mm)
S XCRS	75 100 115 150

● CUT-OFF, DEBURRING AND HYBRID DISCS

3M Silver Cutting Disc

It's designed to offer an exceptional combination of value and performance. This disc efficiently cuts through metal profiles, tubes, and sheet metal. It features 3M Precision Shaped Grain for enhanced cutting efficiency.



Type of Wheel	(mm)	
	Diameter	Thickness
T41 T42	75 100 105 115 125 150 180 230	0,9 1 1,3 1,6 2 2,5 3

3M Silver Grinding Disc

It's a depressed center disc that provides fast, consistent cutting for grinding and material removal on stainless steel, mild steel, and alloys. It features 3M Precision Shaped Grain for enhanced performance.



Type of Wheel	(mm)	
	Diameter	Thickness
T27	115 125 150 180 230	7

3M Silver Hybrid Disc

It's designed to improve efficiency, this product enables quick, smooth cuts for complex tasks, reducing the need for excessive pressure and minimizing time spent on gouging and weld grinding. It features 3M Precision Shaped Grain technology for enhanced performance.



Type of Wheel	(mm)	
	Diameter	Thickness
T27	100 115 127 180 230	4,2

3M Cubitron II Cutting Wheel

3M Precision Shaped Grain ceramic grit self-sharpen, generates minimal heat, and enhances mineral fragmentation for exceptional durability. It's perfect for cutting metal in a variety of applications, including automotive sheet metal, hulls, stainless steel pipes, exhaust pipes, clamps, and rusted fasteners.



Type of Wheel	(mm)	
	Diameter	Thickness
T41 T42	75 100 115 125 180 230	1 2 2,5 3

3M Cubitron II Grinding Disc

It's designed for efficient grinding, shaping, and sanding on various metal surfaces. It features 3M Precision Shaped Grain for fast, cool cutting and improved flexibility. It's available in grain 36+ or 80+.



Type of Wheel	(mm)	
	Diameter	Thickness
T27	100 115 125 180	3 4



CUT-OFF, DEBURRING AND HYBRID DISCS

3M Cubitron 3 Cutting Disk

It's designed for perpendicular cuts, this disc is ideal for metal, automotive, and marine applications, including stainless steel tubing, pipes, and clamps. It features 3M Re-Engineered Precision Shaped Grain, delivering up to 10% faster performance than 3M Cubitron II cutting discs.



Type of Wheel	Grain	(mm)	
		Diameter	Thickness
T41 T42	36+ 60+ 80+	75 115 125 150 180 230	0,8 1 1,3 1,6 2 2,5 3

3M Cubitron 3 Grinding Discs

A high-speed, durable disc designed for heavy material removal tasks. It features 3M Re-Engineered Precision Shaped Grain and delivers up to 14% better performance than 3M Cubitron II Grinding Discs.



Type of Wheel	Grain	(mm)	
		Diameter	Thickness
T27	36+	115 125 150 180 230	7

3M Cubitron 3 Hybrid Discs

It's a multipurpose disc created to function as both a grinding wheel and a cutting wheel. It features 3M Re-Engineered Precision Shaped Grain and is up to 5% more efficient than 3M Cubitron II hybrid discs.



Type of Wheel	Grain	(mm)	
		Diameter	Thickness
T41 T42	36+ 60+ 80+	75 115 125 150 180 230	0,8 1 1,3 1,6 2 2,5 3



● BRISTLE BRUSHES

3M Brush Disc BB-ZS

It's made from plastic filled with ceramic abrasive grain, this disk is mounted on a pin and designed for use on uneven surfaces to effectively remove paint, sealants, or adhesives.



Grain	Diameter (mm)
P80 P120 P220	50 75

3M Bristle Disc BD-ZB

It features ceramic abrasive grain and flexible molded bristles. It efficiently removes paint, stains, stickers, weld burns, rust, heavy oxides, and surface contaminants from large areas.



Grain	Diameter (mm)
P50 P80 P120	115

3M Radial Bristle Brush BB-ZB

It combines a proprietary blend of 3M ceramic abrasive grain, aluminum oxide, and flexible yet durable molded bristles, this tool offers excellent finishing, polishing, and deburring performance.



Grain	Diameter (mm)
P50 P80 P120 P220 P400	150 194 200

3M Radial Bristle Disc RD-ZB

It's a grinding and masking disc that features a ceramic grain blend and delivers high cutting speed, making them ideal for efficient roughing and resurfacing of welds in carbon steel applications.



Grain	Diameter (mm)
P36 P50 P80 P120 P220 P400	14 20 25 50 75 115

3M Bristle Disc Roloc RD-ZB

It combines ceramic abrasive grain with aluminum oxide to create a wide contact area, this tool is ideal for substantial removal of paints, sealants, or adhesives on medium to small surfaces.



Grain	Diameter (mm)
P50 P80 P120	25 50 76

3M Roloc Bristle Disc for Automotive

It's made with rigid plastic bristles arranged in a radial design, this tool combines ceramic abrasive grain and polymer bristles, making it ideal for use on various metal types.



Grain	Diameter (mm)
P36	50



● FLAP BRUSHES

3M Cleaning and Stripping

It's an aluminum oxide brush designed for satin finishing or masking sanding marks up to P120 on stainless steel, aluminum, and non-ferrous metals, as well as for removing oxides and welding burns.



Grain	Diameter (mm)
CRS	100

3M Roloc Cutting and Polishing

It's a brush designed to provide a smooth, polished finish, featuring hard and durable aluminum oxide mineral.



Grain	Diameter (mm)
A MED	50 60 75

WHEELS AND BRUSHES

● FINISHING AND DEBURRING WHEELS

3M Deburring and Finishing PRO DP-UW

It integrates 3M Precision Shaped Grain Technology on a nylon weave for enhanced cutting efficiency and strength in deburring and masking tasks.



Grain	Diameter (mm)
XCRS+ CRS+ MED+ FN	25 50 75 125 150 200

3M Scotch-Brite Roloc EXL XL-DR

It's made from compressed fiber and TNT, with a consistent grain distribution, this product is highly effective for various metalworking tasks, including deburring and edge finishing.



Grain	Diameter (mm)
A CRS A MED S FIN	50 75

3M Deburring Wheel DB-WL

It ensures a consistent appearance throughout the product's lifespan, preserving the workpiece's geometry. Ideal for use on stainless steel, titanium, various metals, and plastics.



Grain	Diameter (mm)
S MED S FIN	150 200 250

FS-WL Finishing Wheel by 3M

It provides a consistent abrasive for final polishing on stainless steel, aluminum, brass, copper, ferrous, and non-ferrous metals.



Grain	Diameter (mm)
S CRS A CRS S MED A MED S FIN	150 200

● CLOTH TAPES AND ROLLS

3M 423A

It's made from J-weight silicon carbide, this material is used for metal masking and finishing tasks, suitable for manual, robotic, and automated applications.



Grain	Dimensions (mm)
P100 P120 P150 P180 P240 P320 P400 P600 P1000	1380 x 50

3M 767F

It's featuring high-performance 3M Precision Shaped Grain, and it offers a longer lifespan and more efficient cutting compared to traditional aluminum oxide and zirconium abrasives.



Grain	Dimensions (mm)
36+ 60+ 80+ 120+	1320 x 45,7

3M Cubitron II 726A

It's made with J-weight precision-shaped ceramic, which is used in masking and metal finishing applications, suitable for manual, robotic, and automated processes.



Grain	Dimensions (mm)
80+ 120+ 150+ 180+ 220+ 240+ 320+ 400+	1380 x 50

ROLLS AND MANUAL TAMPONS

● TNT TAPES AND ROLLS

3M Scotch-Brite Durable Flex

A durable product designed for deburring, finishing, masking, and cleaning, featuring a reinforced anti-stretch backing that offers excellent flexibility and exceptional edge strength.



Grain	Dimensions (mm x m)
VFN	150 x 10 100 x 10

3M Scotch-Brite 7447 PRO

It combines flexible fibers with aluminum oxide particles, delivering a fast, consistent cut. Ideal for finishing or heavy cleaning, it resists wear, clogging, and rust. Suitable for use on wood, plastic, ceramic, porcelain, glass, rubber, and composites.



Grain	Dimensions (mm x m)
VFN	125 x 10 100 x 10

3M Scotch-Brite 7448 PRO

By combining flexible fibers with silicon carbide, this product delivers a fast, consistent cut. It is ideal for cleaning, scratching, finishing, and light paint removal on metal, wood, plastic, and composite materials.



Grain	Dimensions (mm x m)
S UFN	125 x 10 100 x 10

3M Scotch-Brite CF-RL

It delivers consistent results for finishing, masking, polishing, and cleaning on metal, wood, and plastic surfaces, including hard-to-reach areas.



Grain	Dimensions (mm x m)
S VFN A VFN S UFN S SFN A FN	965 x 100 370 x 10



MANUAL PADS

3M Durable Flex MX-HP

A durable product for deburring, finishing, masking, and cleaning, featuring a reinforced anti-stretch backing that ensures excellent flexibility and strong edge durability.



Grain	Dimensions (mm)
A VFN S UFN	114x228 200x100

3M Scotch-Brite 7447 | 7447 PRO

Blending flexible fibers with aluminum oxide particles, this product delivers a fast, consistent cut. Ideal for finishing or heavy cleaning, it resists wear, clogging, and rust. Suitable for wood, metal, plastic, ceramic, porcelain, glass, rubber, and composite materials.



Grain	Dimensions (mm)
A VFN	158 x 224

3M Scotch-Brite 7448+ | 7448 PRO

Blending flexible fibers with silicon carbide, this product provides a fast, consistent cut, ideal for cleaning, scratching, finishing, and light paint removal on metal, wood, plastic, and composite materials.



Grain	Dimensions (mm)
S VFN	158 x 224

3M Heavy Duty Scotch-Brite 7440

Made from aluminum oxide, this durable product effectively removes impurities and adhesive coatings during cleaning, deburring, and finishing tasks.



Grain	Dimensions (mm)
MED	158 x 228

3M Scotch-Brite CF-SR Pre-Cut Sheets

Manufactured with silicon carbide abrasive, this product offers a quick, precise cut, delivering a polished finish. It is suitable for a variety of materials, including wood, metal, plastic, ceramic, porcelain, glass, rubber, and composites.



Grain	Dimensions (mm)
S UFN	150 x 115

3M Tack Cloth

Ideal for surface preparation before primer or paint application, this product leaves no residue when dust is vacuumed. It also minimizes adhesive transfer, reducing stickiness on hands.



Applications	Dimensions (mm)
Cleaning	175 x 235

● CANVAS-BACKED BELTS

3M Cubitron II 984F

The product delivers outstanding performance due to the 3M Precision Shaped Grain ceramic mineral, enabling clean cutting into metal. It also features a unique grinding additive, making it perfect for high-pressure applications. Weight YF.



Grain	Configurable
36+ 60+ 80+ 120+	✓

3M Cubitron 3 1184F

Introducing the redesigned 3M Precision Shaped Grain, offering up to 86% faster cutting compared to rival products, guaranteeing top performance. It is suitable for both manual and automated uses. Weight YF.



Grain	Configurable
36+ 50+ 60+ 80+ 120+ 150+ 180+	✓

3M Cubitron II 947A

3M Precision Shaped Grain ceramic mineral is featured on an X-weight polyester/cotton backing with a resin-based binder for enhanced heat resistance. It is suggested for dry use.



Grain	Configurable
40+ 60+ 80+ 120+	✓

3M Cubitron II 994F Sandpaper

3M Precision Shaped Grain ceramic mineral is featured on a ZF weight polyester/cotton backing, suitable for medium to high pressure applications on carbon steel and aluminum.



Grain	Configurable
36+	✓

3M Trizact 237AA

Utilizes 3M micro-replication technology, incorporating aluminum oxide particles, with weight X. It includes a unique additive that helps prevent heat buildup, distortion, and scorching. Suitable for intermediate sanding and finishing of metal, solid, and painted surfaces, as well as lacquered surfaces and plastic components.



Grain	Configurable
A6 A16 A30 A45 A65 A80 A100 A160	✓



● Canvas-backed belts

3M Trizact 307EA

It includes a flexible JE weight holder, enabling the abrasive to conform to the surface's contours. It's ideal for intermediate finishing and polishing before chrome plating.



Grain	Configurable
A6 A16 A30 A45 A65 A80 A100 A160	✓

3M Trizact 363FC

Made from aluminum oxide mineral bonded to a YF-weight polyester cloth backing, this product is designed for wet grinding, finishing, and polishing of carbon steel, stainless steel, nickel alloys, zirconium, and titanium parts, suitable for both centerless and flat finishing applications.



Grain	Configurable
A45 A65 A100 A160 A300	✓

3M 767F Tape

Offering long-lasting performance and flexibility at a competitive cost, this product features 3M Precision Shaped Grain Technology, making it ideal for use on carbon steel, stainless steel, and aluminum.



Grain	Configurable
36+ 60+ 80+ 120+	✓

RIBBONS

● TNT-BACKED TAPES

3M Scotch-Brite Durable Flex DF-BL

Offering the highest level of flexibility among surface finishing belts, this product is designed for precision tasks such as deburring, masking, and finishing on various metals. The belt features enhanced anti-stretch backing and an exceptionally durable edge, ensuring strong cutting performance and long-lasting results.



Grain	Configurable
A CRS A MED A FN	✓

3M Scotch-Brite SC-BL

Durable and flexible, this product is highly versatile for cleaning, finishing, and light deburring tasks. With anti-elongation properties, it is ideal for conditioning surfaces such as aluminum, copper, brass, and soft non-ferrous metals.



Grain	Configurable
A CRS A MED A FIN S SFN	✓

● CUSHIONS AND BRACES

3M Backing Pad High Performance Sanding Disc

Featuring a unique ribbed design, this product is compatible with 3M Cubitron II discs, boosting their cutting performance and extending their lifespan. It can endure temperatures over 100°C, contributing to improved efficiency and cost savings.



Overall Size (mm)

115 | 125 | 180

3M Fibre Disc Backing Pad

Designed to support double-action fiber discs on angle grinders, this durable pad enhances disc performance by minimizing vibrations and bouncing. It securely attaches to the grinding tool using a safety flange.

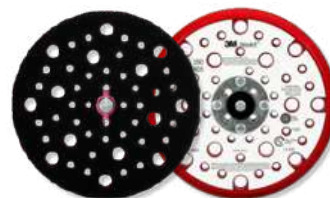


Overall Size (mm)

115 | 125 | 180

3M Xtract Low Profile Backing Pad

Sturdy yet flexible, this pad is designed for flat sanding tasks and securely holds a 3M Xtract disc on a random orbital sander. Ideal for coarse grits when effective leveling is required, it is also available in finishing, 125, or 150 grit options.



Overall Size (mm)

75 | 125

3M Xtract Backing Pad

It's designed for applications requiring edge conformability and flexibility. It's ideal for beveling edges or masking a painted area to blend seamlessly with the rest of the workpiece.



Overall Size (mm)

125 | 150

3M Backing Pad Holder

A mandrel allows for quick and easy disc changes during multi-pass operations. Available in various sizes, foam densities, and attachment options.



Overall Size (mm)

180

3M Hookit Disc Pad

It's designed to securely hold 3M Hookit sanding or finishing discs on various hand sanding tools, this product features a 45° edge for a smoother contact area, making masking easier and reducing sharpness at the edge.



Overall Size (mm)

Different dimensions



SANDERS

3M Mini Angle Sander

This pneumatic tool provides ergonomic comfort and it's ideal for small-scale sanding, deburring, paint preparation, and weld burn cleaning. The 97° ergonomic head design helps reduce wrist fatigue.



Overall Size (mm)
50 75

3M Elite Random Orbital Sander with Self-Vacuum System

Featuring powerful, balanced air motors and a durable, lightweight aluminum body, this tool is equipped with a self-suction system for efficient dust removal using the 3M filter bag. The wheel traces two overlapping ovals simultaneously, delivering a flawless finish free of scratches and imperfections.



Overall Size (mm)
75

3M Elite Random Orbital Sander without Vacuum System

Featuring a durable 3M grip handle and a powerful motor, this tool ensures a flawless finish. Ideal for high-production industrial environments where dust extraction is not required, it also includes a recessed lever to prevent pressure or pinching on the operator's hand.



Overall Size (mm)
75 125

3M Elite Sanding Machine

It's equipped with a central suction system, this pneumatic tool delivers professional performance with excellent dust extraction. The rubber handle with 3M adherent material enhances operator control and reduces vibrations.



Overall Size (mm)
75

3M Xtract Orbital Sander

When used with 3M Xtract mesh discs and the 3M Xtract mobile dust extractor, this robust 0.28 HP (209 W) sander enables nearly dust-free sanding. The self-extraction system provides a convenient dust extraction solution, with models available that do not include dust extraction.



Overall Size (mm)
125 150

● SANDERS

3M Xtract Electric Random Orbital Sander

It's designed for ergonomic comfort and lightweight construction and it's powered by a robust 350W motor. Its soft handle features integrated functions for added convenience.



Overall Size (mm)

125 | 150

3M Random Orbital Sander

With a high power-to-weight ratio, this tool is both lightweight and durable, boosting productivity while reducing fatigue. Its compact size and lateral grip minimize vibrations, enhancing operator comfort.



Overall Size (mm)

125 | 150

EQUIPMENT AND GEAR

● GRINDERS AND VACUUM CLEANERS

3M Air-Powered Straight Grinder

This straight shaft tool is designed for improved operator control and comfort. The precision-balanced steel motor reduces vibration and weight, while the 3M grip material on the body minimizes vibration and provides a secure, comfortable grip.



Maximum Speed (RPM)

8.000 | 12.000

3M Electric Angle Grinder

It's designed to work seamlessly with 3M abrasives and accessories, and it forms a complete system for achieving a more polished result efficiently. It features a powerful 1,900-watt motor and an ergonomic handle that reduces vibration, enhancing operator comfort. Available in 115 mm or 125 mm diameter options.



Maximum Speed (RPM)

11.500

3M Xtract Portable Dust Extractor

Optimized for maximum dust extraction, this system easily connects to compatible 3M Xtract electric or pneumatic random orbital sanders. It features high-efficiency HEPA filters to maintain a virtually dust-free work environment.



Basket Collection

35 liters



PAG. 144

INK MARKERS

Markers and Spray Paints

144



PAG. 145

PAINT MARKERS

Markers and Refillable Pens

145



PAG. 146

SPECIAL MARKERS

*Pen Markers
Inkjet Markers*

146
146



PAG. 147-148

INK AND STENCIL MATERIALS

*Inks and Stencil Materials
Rollers and Paintbrushes
Die Cutting Machines*

147
148
148

● MARKERS AND SPRAY PAINTS

MI

It's a permanent marker designed for use on both smooth and porous surfaces, whether clean or dirty. It contains 3 ml of ink and features an ultra-fine 1 mm tip for precise application. The ink dries in just 5 seconds and is resistant to solvents. Ideal for medical and testing laboratories, manufacturing industries, logistics offices, as well as electricians, plumbers, and carpenters.



M15

Equipped with a 15 mm tip, this marker contains 22 ml of permanent ink that dries rapidly in just 5 seconds. It is suitable for use on plastics, glass, wood, rubber, ceramics, fabrics, and stretch film. Ideal for creating bold, large markings, it offers a generous ink supply for extended use.



Tekmark

Featuring a resin-based ink, it's made for long-lasting performance on a variety of surfaces and in any conditions. It includes a reversible 1.5 mm tip, offering both conical and chisel options, and contains 13 ml of ink. A preferred choice for engineers, shipping staff, and quality supervisors.



Ink Spray

This versatile spray is resistant to light, oils, and aging, ensuring long-lasting performance. It dries quickly and is suitable for use on all surfaces. It contains 400 ml of spray.





● MARKERS AND REFILLABLE PENS

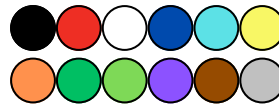
A10

This high-performance liquid marker is specifically designed for heavy industry applications. The xylene-free formula ensures safety while providing resistance to water, weather, oils, and solvents. It delivers permanent markings on surfaces and dries completely in just 20 seconds. Featuring 10 ml of paint, it comes with a reversible tip offering 2 mm conical and 4 mm chisel options for versatile use.



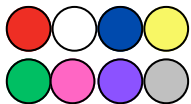
A20

Designed for heavy industry, this xylene-free liquid marker ensures exceptional performance. Its paint is resistant to water, weather, oils, and solvents, delivering permanent results on various surfaces. The ink dries fully in just 20 seconds. It contains 13 ml of paint and features a reversible tip with 3 mm conical and 5 mm chisel options for versatile application.



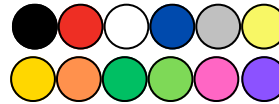
A30

This xylene-free liquid marker is designed for excellent visibility and readability, making it ideal for signs, large objects, and pallets. The paint dries completely in 20 seconds and contains 17 ml of ink. It offers versatile marking options, with a width of up to 7 mm on the wide side and 3 mm on the narrow side.



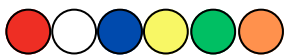
W20

Made with a water-based formula, it's eco-friendly and designed for precision marking. It features a reversible tip offering a 3 mm round side and a 5 mm chisel side for versatile applications. The ink is smear-free, UV-resistant, and dries completely in about 60 seconds. Odorless and non-flammable, it provides exceptional durability with minimal environmental impact.



100P

This oil-based liquid paint marker is formulated for durability, offering resistance to water, sunlight, and various chemical agents. Ideal for marking on oily, greasy, and uneven surfaces, it dries fully in about 45 seconds. The marker includes a 2 mm conical tip and contains 10 ml of paint.



Metalhead + Reload

This alcohol-based paint is designed for marking through rust, oil, and grease on diverse surfaces. Available in a 60 ml refillable plastic bottle, it delivers durable, water-resistant markings that withstand outdoor conditions. The paint dries in 10 to 15 minutes without dripping, ensuring long-lasting visibility.



● PEN MARKERS

Dr. Paint

It's ideal for promotional use, especially on glass surfaces and it's commonly used by dealers and shops. It features a 15 mm rectangular tip and contains 15 ml of opaque, covering paint. It's resistant to water, atmospheric elements, and UV rays, and it dries in approximately 90 seconds. For easy removal, simply use alcohol.



Dr. Mark

It's a temporary marker designed for production environments. It can be easily removed with alkaline detergents without leaving residue. It's water-resistant, contains 10 ml of paint and features a 2 mm conical tip. It dries in approximately 20 seconds, making it ideal for quick marking.



● INKJET MARKERS

Quantum Collection

It's a highly cost-effective solution for continuous inkjet printing needs. It supports Ethernet for remote communication and it's capable of printing 1 to 5 lines of text, barcodes, or graphics. The system offers a broad range of standard and lightly pigmented inks, making it versatile for various printing applications.



Series 89

It's a top-tier system offering multiple versions, including Standard, Hi-Speed, Opaque, Food Grade, and Micro, to meet diverse printing needs. It provides 1 to 5 lines of printing and supports a wide range of inks. With an IP65 protection rating, it's designed for rugged environments and features Ethernet, RS232, and standard USB connections for versatile remote control options. It's built for continuous, high-performance operation, making it ideal for 3-shift, 7/7 usage in demanding production settings.





● INKS

USIP for Porous Surfaces

This ink is specifically designed for marking porous surfaces such as plasterboard, untreated wood, concrete, brick, paper, cardboard, cement, and marble. It's compatible with various ink dispensers, including roller and brush dispensers, making it versatile for different application methods. The ink dries quickly without dripping.



USI for Non-Porous Surfaces

This ink is formulated with non-toxic solvents and fuel-resistant pigments, making it ideal for marking impermeable and non porous surfaces such as pre-treated wood (lacquered or painted), plastic, metal, and glass. It's compatible with a variety of ink dispensers, including rollers and brush dispensers, offering flexibility in application.



INK AND STENCIL MATERIALS

● STENCIL MATERIAL

Ultracut Stencil

This high-quality adhesive material features a polyethylene film combined with a vinyl paper backing, specifically designed for electronic die-cutting applications. The dual backing prevents hole formation in the material, ensuring smooth and consistent stencil movement during cutting with the plotter. It's ideal for precise, clean cuts and it ensures optimal performance in both professional and industrial settings.



SSB Stencil

SSB (Synthetic Stencil Board) is a high-performance material, made from polyethylene combined with a vinyl paper backing, specially designed for use with electronic die-cutters. Unlike Ultracut, the vinyl paper backing of SSB is adhesive, allowing for better adhesion during the cutting process. The dual backing prevents hole formation in the material, ensuring smooth and consistent stencil movement during cutting with the plotter.



Available in a 610 mm x 30.5 m reel.

Available in a 610 mm x 30.5 m reel.

Specialty Cardstock

It's treated with a unique blend of linseed oil, which provides excellent resistance to ink migration, preventing transfer from one side to the other. This treatment ensures that the cardstock maintains its integrity and prevents smudging or bleeding, even when used for detailed projects. The cardstock is cut along the grain to further enhance its strength and durability, ensuring it holds up well during use. It is compatible with both manual die-cutters and electronic cutting plotters.



Available in a 610 mm x 30.5 m reel.

Available in a 610 x 910 mm reel.



● **ROLLERS AND PAINTBRUSHES**

Roll-Ette Roller

It is the most basic and cost-effective ink roller available, designed for efficient use with an ink pad. It features a high-grade neoprene roller, 50 mm in diameter and 75 mm in width, providing smooth and consistent ink application. The roller is mounted on a recyclable plastic handle, offering durability and eco-friendly qualities.



Roll-Ette Pad

This pad is 11x18 cm and it enables the distribution of ink in the simplest and most economical way.



Roll-Eze Roller

It's a versatile ink dispenser designed for extensive marking tasks. Its handle functions as a refillable reservoir, allowing for easy and controlled ink flow. The ink is dispensed onto a neoprene roller, which is 50 mm in diameter and available in widths of 38 mm or 75 mm. A flow-controlling valve ensures an equal distribution of ink, providing a smooth and consistent marking experience. This roller is perfect for large-scale applications.



FB26 Brush

It's a durable ink dispenser, designed for marking challenging and irregular surfaces. Featuring a refillable aluminum body tank handle, it offers versatility and long-lasting use. The ink flows through a valve, which can be adjusted to control the ink flow, and both the valve and bristles are replaceable for added convenience and maintenance. This tool is ideal for precise and controlled marking, and the availability of replacement parts ensures ongoing performance and durability.



● **DIE-CUTTING MACHINES**

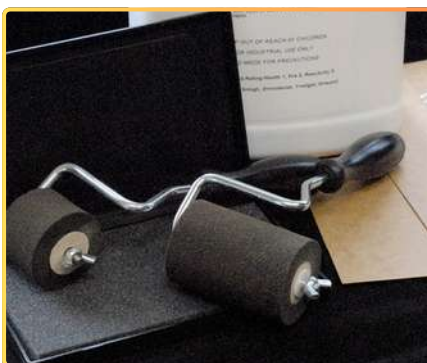
Electric Die Cutting Machine

It connects with Windows XP, Vista 7, 8, and 10, featuring an Ethernet connection option for printing from various computers. It supports materials up to 76.2 cm wide, with adjustable speed and cutting force. Additionally, it enables duplicating images, drawings, and imported files within the program. It's user-friendly and it comes with a stand equipped with swiveling wheels.



Manual Die Cutting Machine

It's a benchtop machine, simple to operate. The machine's different models vary primarily in the size of the characters they can cut, with options ranging from 6.4 mm to 25.4 mm. This versatility allows for a wide range of cutting tasks, from small, precise details to larger, more prominent markings.



● FOLLOW US ON OUR SOCIAL MEDIA ACCOUNTS

Instagram



LinkedIn



YouTube



Notes

A large rectangular area with a black border, containing 25 horizontal dotted lines for writing notes.

Information ✨

Referent ✨

Technical and Safety Data Sheets ✨

The technical and/or safety data sheets for the products we distribute are based solely on the data published and provided by the manufacturer. These documents can be accessed through our website, or you can request them via email at vendite@mapi24.it.

**VISIT OUR
WEBSITE**





MAPI



Via Circonvallazione, 186
10026 Santena (TO), Italia

vendite@mapi24.it
+ 39 011 94 54 227