

January, 2018

# 3M™ Carry Handles 8330

## Product Description

3M™ 8330 Carry Handles are durable plastic strips with a non-tacky center insert and adhesive coated at each end. It is easy to create a convenient looped handle when the ends are attached to both sides of a box or package. These handles are available in standard dimensions (see table below) or dimensions can be customized for your application. 8330 “CP” Carry Handles are custom-printed to provide additional branding opportunity for retail product, to add bar-codes for bundled packages, or for other purposes.



## Product Features

- Customer convenience - easier to carry bulky packages.
- Custom colors and graphics available for improved branding, promotional messages, or in-store security.
- Excellent adhesion to a variety of package surfaces.
- Easy to apply.
- Stores easily at checkout counters.
- Reduces packaging materials.

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## Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

## Typical Physical Properties

Property	Values		Method
Total Tape Thickness	0.102 mm	4 mil	ASTM D3652
Total Thickness	0.197 mm	7.75 mil	ASTM D3652
Carry Portion Thickness	0.095 mm	3.75 mil	ASTM D3652
Adhesive	*Pressure-sensitive rubber resin.		
*Note	Requires no heat, moisture, or solvent activation prior to use.		
Max Load Per Handle	30 lb		

## Product Construction

3M™ Carry Handle: Standard white carry portion material.

3M™ Carry Handle CP: Custom printed or colored carry portion material. Available in custom backing.

## Typical Performance Characteristics

Property	Values		Method	Notes
180° Peel Adhesion	8.5 N/cm	78 oz/in	ASTM D3330	12 in/min (300 mm/min)
Tensile Strength	117.4 N/cm	68 lb/in	ASTM D3759	

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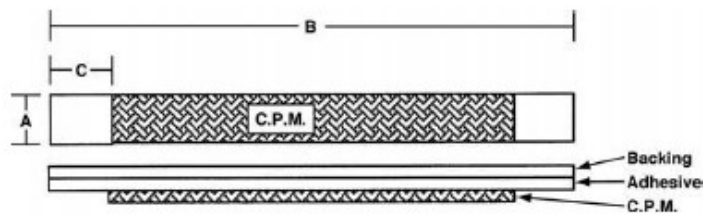
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## Typical Performance Characteristics (continued)

Property	Values		Method	Notes
Elongation at Break	130 %		ASTM D3759	

## Available Sizes

### Handle Dimensions



	A Handle Width	B Total Handle Length	C Adhesive Length	Max Load Per Handle
8310 / 8310CP	1 in (25 mm)	17 in (432 mm)	3 in (76 mm)	10 lbs (4.5 kg)
8315 / 8315CP	1 3/8 in (35 mm)	17 in (432 mm) or 23 in (584 mm)	3 in (76 mm) or 6 in (152 mm)	15 lbs (6.8 kg)
8320 / 8320CP	1 in (25 mm)	17 in (432 mm)	3 in (76 mm)	20 lbs (9.0 kg)
8330 / 8330CP	1 3/8 in (35 mm)	23 in (584 mm)	6 in (152 mm)	30 lbs (13.6 kg)
8340 / 8340CP	1 3/8 in (35 mm)	23 in (584 mm)	6 in (152 mm)	40 lbs (18.1 kg)
8350 / 8350CP	1 3/8 in (35 mm)	23 in (584 mm)	6 in (152 mm)	50 lbs (22.6 kg)

Custom dimensions available

## Handling/Application Information

### Application Examples

- Handling products, such as: small appliances, small electronics, toys, lawn, garden, houseware and hardware items and some industrial products.
- Combining products (multipacks, duo-pouches or bags).
- Providing special promotional messages or UPC codes.

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## Handling/Application Information (continued)

### Application Techniques

#### Recommended Surfaces

- Paperboard printed and unprinted
- Corrugated cardboard
- Polyethylene and polypropylene (strong shrink film/poly bags)
- Polyester film
- Polyvinyl chloride (PVC) film

#### Surfaces That Should Be Reviewed For Suitability

- Wax coated/siliconized surfaces
- Wet surfaces (moisture condensation)
- Cold surfaces (< 50°F [10°C])
- Some lacquer coated board
- Rough textured surfaces on which tape surface contact is significantly reduced

#### Application Instructions

1. Select appropriate carry handle to meet package weight limit.
2. Remove a single handle from pad and apply one end to side of package. Press full length of adhesive tape leg firmly onto package side with hand pressure.
3. Lay handle across top of package using hand to form a snug loop; press full length of remaining adhesive tape leg firmly onto the opposite side with hand pressure.
4. Handles should be attached to the sides and the bottom of boxes with unsealed top flaps.
5. Do not apply the majority of or the entire adhesive portion of the handle to top of box. Adhesive legs must be positioned on the package sides (vertical dimension) to insure application success.

### Trademarks

3M is a trademark of 3M Company.

### References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Carry-Handle-8330?N=5002385+3293241020&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Carry-Handle-8330?N=5002385+3293241020&amp;rt=rud</a>
Safety Data Sheet (SDS)	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=8330">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=8330</a>

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## **ISO Statement**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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