



# Carry Handles

Technical Data

December 2013

**Product Description** 3M™ Carry Handles have durable plastic strips with 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.

**Construction**

3M™ Carry Handle:	Standard white carry portion material.
3M™ Carry Handle (CP):	Custom printed or colored carry portion material. Backing: Available in custom backing.
Adhesive:	Pressure-sensitive rubber resin. Requires no heat, moisture or solvent activation prior to use.

**Typical Physical Properties** **Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.**

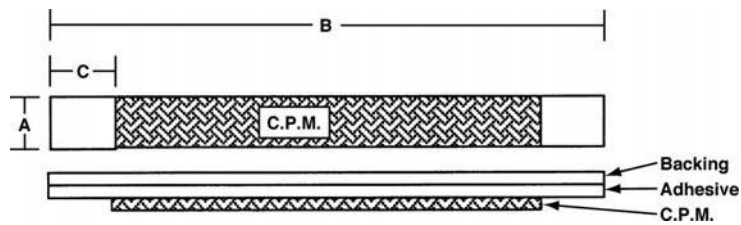
Product #	8310 8310CP	8315 8315CP	8320 8320CP	8330 8330CP	8340 8340CP	8350 8350CP	
<b>Max Load Per Handle (lbs)</b>	10	15	20	30	40	50	
<b>Adhesion to Steel oz/in / N/100mm D-3330</b>	55 / 60	55 / 60	78 / 85	78 / 85	60 / 100	60 / 100	
<b>Tensile Strength lbs/in / N/100mm D-3759</b>	35 / 615	35 / 615	67 / 1174	68 / 1174	150 / 270	150 / 270	
<b>Elongation at Break (%) D-3759</b>	160	160	130	130	10-30	10-30	
<b>Thickness Mils / mm D-3652</b>	<b>Tape</b>	3.20 / 0.081	3.20 / 0.081	4 / 0.102	4 / 0.102	Various	Various
	<b>Carry Portion Material</b>	3.75 / 0.095	3.75 / 0.095	3.75 / 0.095	3.75 / 0.095	Various	Various
	<b>Total</b>	6.95 / 0.176	6.95 / 0.176	7.75 / 0.197	7.75 / 0.197	Various	Various

**Features**

- Adhesive handle
- High-performance carrying tape
- Custom colors and graphics
- Compact size
- Easy to carry bulky packages
- Excellent adhesion
- Apply with ease
- Easy package identification
- Customer convenience
- Carry more items
- Adheres to a variety of surfaces
- In-store security
- Stores easily at checkout counter
- Reduces packaging

# 3M™ Carry Handles

## 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)

## Application Ideas

- Handling products, such as: small appliances, small electronics, toys, lawn, garden, houseware and hardware items and some industrial products.
- Combining products (shrink wrapped multipacks).
- Providing special promotional messages or UPC codes.
- User must be sure not to exceed maximum weight limits.

## 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. Use only one carry handle per package.
5. When applying handle to a box with over-lapped flaps which are not sealed down, the adhesive portion of the handle must be applied to the side and bottom of box.
6. 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.

# 3M™ Carry Handles

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## Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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**ISO 9001**

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



### Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550 • 877-369-2923 (Fax)  
[www.3M.com/carryhandles](http://www.3M.com/carryhandles)



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Printed in U.S.A.  
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