

3M

Carry Handles

Technical Data

January 2018

Product Description

3M™ 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. “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.

Construction

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

Typical Physical Properties

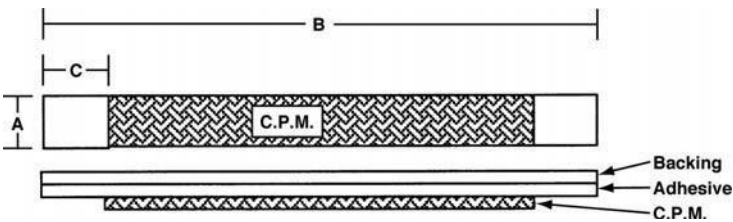
Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

Product #	8310 8310CP	8315 8315CP	8320 8320CP	8330 8330CP	8340 8340CP	8350 8350CP
Max Load Per Handle (lbs)	10	15	20	30	40	50
Adhesion to Steel oz/in / N/100mm D-3330	55 / 60	55 / 60	78 / 85	78 / 85	67 / 73	80 / 88
Tensile Strength lbs/in / N/100mm D-3759	35 / 615	35 / 615	67 / 1174	68 / 1174	190 / 3325	270 / 4728
Elongation at Break (%) D-3759	160	160	130	130	30	20
Thickness Mils / mm D-3652	Tape	3.20 / 0.081	3.20 / 0.081	4 / 0.102	4 / 0.102	5.6 / 0.163
	Carry Portion Material	3.75 / 0.095	3.75 / 0.095	3.75 / 0.095	3.75 / 0.095	3.75 / 0.095
	Total	6.95 / 0.176	6.95 / 0.176	7.75 / 0.197	7.75 / 0.197	9.4 / 0.274

3M™ Carry Handles

- 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.

Standard Handle Dimensions



	A Handle Width	B Total Handle Length	C Adhesive Length	Max Load Per
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 (multipacks, duo-pouches or bags).
 - Providing special promotional messages or UPC codes.

3M™ Carry Handles

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.

3M™ Carry Handles

Technical Information

The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer

Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability

Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

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

3M is a trademark of 3M Company.

Printed in U.S.A.

©3M 2018 (1/18)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Corning:](#)

[8310](#)