



Technical Data Sheet

3M™ Carry Handles 8315



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

3M™ 8315 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. 8315 “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.

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

Attribute Name	Test Method	Value
Adhesive Type		*Pressure-sensitive rubber resin.
Carry Portion Thickness	ASTM D3652	0.095 mm (3.75 mil)
Total Tape Thickness	ASTM D3652	0.081 mm (3.2 mil)
Total Thickness	ASTM D3652	0.176 mm (6.95 mil)
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.
Max Load Per Handle		15 lb

Attribute Name	Value
*Note	Requires no heat, moisture, or solvent activation prior to use.

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	6 N/cm (55 oz/in) ¹
Tensile Strength	ASTM D3759		61.5 N/cm (35 lb/in)
Elongation at Break	ASTM D3759		160 %

¹ 12 in/min (300 mm/min)

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.

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.

Storage and Shelf Life

Store under normal conditions of 60°F to 80°F (16° to 27°C) and 40% to 60% relative humidity in the original carton. To obtain best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Handle Dimensions	https://multimedia.3m.com/mws/media/20693880/image-130-jpg.jpg Custom dimensions available

Information

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.

Disclaimer: 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards

(e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, or death. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit www.3M.com.

ISO Statement

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

3M
Closure and Masking Systems Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com

3M is a trademark of 3M Company.
©3M 2018 (1/18)