

# Scotch® Carry Handle Tape 8347



Technical Data

January, 2004

## Product Description

Scotch® Carry Handle Tape 8347 is a high-performance tape featuring a durable 3M™ Scotchpro™ Film backing that is longitudinal direction and an aggressive rubber resin adhesive especially suited for high shear performance carrying handles that allows for items up to 20 lbs. to be carried easily.

## Construction

| Backing                                     | Adhesive   | Colors      |
|---|--|-------------|
| Monoaxially oriented<br>3M™ Scotchpro™ Film | Pressure sensitive rubber resin.<br>Requires no heat, moisture, or<br>solvent activation prior to use. | Transparent |

## 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.**

|                           |  |            |
|---------------------------|--|------------|
| Adhesion to Polyethylene: | 22 oz./in. width (24.5 N/100 mm width)   |            |
| Tensile Strength:         | 108 lbs./in. width (1900 N/100 mm width) | AFERA 4004 |
| Elongation at Break:      | 40%                                      | AFERA 4005 |
| Thickness - Backing:      | 2.0 mil (50 micron)                      | AFERA 4006 |
| Total:                    | 2.9 mil (73 micron)                      |            |

## Features

- Excellent adhesion to most shrink film over wraps that helps assure good attachment of handle
- No dwell time necessary, adheres immediately and fast to apply.
- Efficient application on automated handle application equipment and good handling properties.
- Fewer roll changes on application equipment which increases production rate for lower unit cost.
- Designed for use on automatic carry handle application equipment with packages weighing 20 lbs. (9.0 kg) or less.

## Available Sizes

|                  |                                  |
|------------------|----------------------------------|
| Standard Width:  | 0.98 in. (25 mm)                 |
| Standard Length: | 5468 yds. (5000 m) - level wound |
| Core Size (ID):  | 6 in. (152 mm)                   |

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## 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.

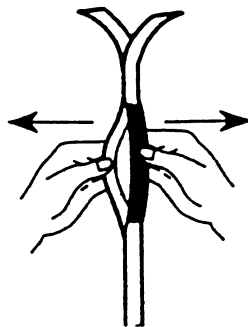
### Application Instructions

- Select appropriate carry handle to meet package weight limit.
- 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.
- 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.
- Use only one carry handle per package.
- 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.
- 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.

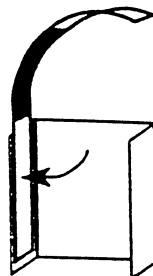
## Application Equipment

The 3M™ ScotchPad™ Carry Handle Dispenser T-285 is specifically designed for use with 3M™ ScotchPad™ Carry Handles as it provides a convenient holder for a pad of handles, on-the-counter visibility, and one-hand dispensability.

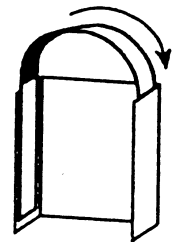
1. Peel off instruction sheet on the back of padded handles.



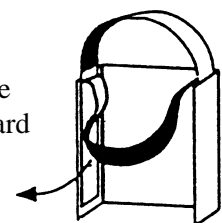
2. Apply full length of adhesive on one side of the handle pad to the inside wall of the dispenser.



3. Form a loop across the top and apply full length of adhesive on the other side of the handle pad to the opposite inside wall of the dispenser.



4. Peel handles from dispenser one at a time by pulling in an outward direction.



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**Storage Conditions** Storage of handle at 70°F (21°C) and 40-50% relative humidity is recommended.

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**Shelf Life** To obtain best performance, use this product within 18 months from date of manufacture.

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**For Additional Information** To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit [www.3M.com/packaging](http://www.3M.com/packaging). Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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