



# Carry Handle Tape

## 8346HP

Technical Data

January, 2014

### Product Description

3M™ Carry Handle Tape 8346HP is a high-performance tape featuring a durable polyester film backing 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.

### Product Construction

Backing	Adhesive	Colors
Polyester Film	Synthetic rubber resin. Requires no heat, moisture, or solvent activation prior to use.	Clear

### 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:	52 oz./in. width (57 N/100 mm width)	
Tensile Strength:	67 lbs./in. width (174 N/100 mm width)	AFERA 4004
Elongation at Break:	130%	AFERA 4005
Thickness -Backing:	2.0 mil (50 micron)	AFERA 4006
Total:	3.4 mil (85 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.

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<b>Available Sizes</b>	Standard Width:	1 in. (25.4 mm)
	Standard Length:	3280 yds. (3037 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.

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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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## 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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## Product 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. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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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.



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