



Technical Data Sheet

3M™ Carry Handle Tape 8346HP



[Product Details](#)



[Regulatory Info/SDS](#)

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 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.

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
Color		Clear
Adhesive Type		*Synthetic rubber resin.
Backing		Polyester Film
Backing Thickness	AFERA 4006	0.05 mm (2 mil)
Total Thickness	ASTM D3652	0.085 mm (3.4 mil)

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

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Substrate	Value
180° Peel Adhesion		22 °C (72 °F)	High Density Polyethylene (HDPE)	5.7 N/cm (52 oz/in)
Tensile Strength	AFERA 4004			17.4 N/cm (67 lb/in)
Elongation at Break	AFERA 4005			130 %

Handling/Application Information

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.

Storage and Shelf Life

Storage of handle at 70°F (21°C) and 40-50% relative humidity is recommended. To obtain best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Core Size (ID)	152 mm (6 in)
Standard Roll Length	3000 (level wound) m (3280 (level wound) yd)
Standard Width	25.4 mm (1 in)

Information

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ISO Statement

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

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