Technical Data Sheet

3M™ Carry Handle Tape 8346

Product Description

3M™ Carry Handle Tape 8346 is a high-performance tape featuring a durable polyester film backing and an aggressive rubber resin adhesive. It is designed for higher initial grab on difficult-to-wet surfaces, when making high shear performance carrying handles.

Product Features

• Excellent adhesion to most shrink film overwraps 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 for use 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		Natural rubber resin. Requires no heat, moisture, or solvent activation prior to use.
Backing		Polyester Film
Backing Thickness	AFERA 4006	0.05 mm (2 mil)
Total Thickness	ASTM D3652	0.085 mm (3.4 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Value
Elongation at Break	AFERA 4005	160 %
Tensile Strength	AFERA 4004	123 N/cm (70 lb/in)

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

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

Available Sizes

Attribute Name	Value
Core Size (ID)	152 mm (6 in)
Note	*Level wound
Standard Roll Length	*5000 m (*5470 yd)
Standard Width	25.4 mm (1 in)

Information

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ISO Statement

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