

3M™ Polyurethane Protective Tape 8664HS

Technical Data Sheet

Product Description

3M™ Polyurethane Protective Tape 8664HS matte black is made from an abrasion resistant polyurethane elastomer that resists punctures, tearing, abrasion and erosion. It is formulated for resistance to ultraviolet light. 3M 8664HS tape provides a simple, easy method of protecting a surface from corrosion, abrasion and minor impact damage. It can be painted or applied over painted surfaces. 3M 8664HS tape is constructed with a long lasting, solvent-resistant, pressure-sensitive acrylic adhesive that is protected with an easy release poly liner.

Typical Physical Properties and Performance Characteristics

1. The following technical information and data should be considered repetitive of typical only and should not be used for specification purposes.
2. ASTM = American Society of Testing and Materials.
3. Metric values are listed in parenthesis.

Dimensions

Approximate applied Thickness*	0.004 inch (0.10 mm) Film 0.002 inch (0.05 mm) Adhesive 0.006 inch (0.15 mm) = Total Thickness
Standard Roll Length	36 yd (32.9 m)
Available Widths	Minimum ½ inch Maximum 24 inches (1.25 cm to 61 cm)
Approximate Weight*	0.33 lb/yd ² (179 g/m ²)

*Excludes the poly liner that is removed from the tape prior to application.

Typical Physical Properties and Performance Characteristics:

Property	Test Method	Units U.S. (SI)	Typical Value
Tensile Strength @ Break	ASTM D882	lb/in (N/100 mm)	20 (350)
Elongation % @ Break	ASTM D882	%	500
Peel Adhesion @ 70°F (21°C) to: Stainless Steel Alclad Anodized Aluminum G-5 Glass Composite Polyurethane Paint Mil-P-23377 Epoxy Primer	ASTM D3330, 24 hour dwell	oz/in (N/100 mm)	57 (62) 64 (70) 38 (42) 40 (44) 56 (61)
Max. Service Temperature		°F (°C)	180°F (82°C)

General Information

- 3M™ Polyurethane Protective Tape has weather resistance properties and has been used to isolate and protect substrates from environmental damage and corrosive elements.
- Polyurethane Protective Tape may be painted per 3M Technical Bulletin, Polyurethane Protective Tape, Painting instructions.

Shipping and Storage

No special/hazardous labeling or packaging required and no regulations for air, ground or water shipment for this product.

Keep film in clean area, away from excessive moisture and out of direct sunlight. Store rolls in the shipping carton. Return partially used rolls to shipping carton.

Shelf Life: Two (2) years from data of manufacture or as expressly certified by 3M.

Additional Information

In the U.S. call toll free 1-800-235-2376, or fax 1-800-435-3082 or 651-737-2171. For U.S. Military, call 1-866-556-5714. If you are outside of the U.S., please contact your nearest 3M representative.

**These products were manufacture under a 3M Quality Management System registered to the AS9100 standard*

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