

3M™ Polyurethane Protective Tape 8673/8673DL

Technical Data Sheet

Product Description

3M™ Polyurethane Protective Tape 8673 and 8673DL are made from an abrasion-resistant polyurethane elastomer that resists punctures, tearing, abrasion and erosion. These products are formulated for long-term resistance to ultraviolet (UV) light. 3M 8673 Tape and 3M 8673DL Tape provide a simple, easy method of protecting a surface from corrosion, abrasion and minor impact damage. They may be painted or applied over painted surfaces. 3M 8673 and 8673DL Tapes are constructed with a long-aging, solvent-resistant, pressure-sensitive acrylic adhesive that is protected with an easy-release polyethylene liner. In addition, 3M 8673DL Tape is supplied with a top polyester liner used as an aid for wide web applications. The top liner is also removed after installation.

3M 8673 and 8673DL Tapes are available in transparent versions only.

Typical Physical Properties and Performance Characteristics

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

Property	Test Method	Units	Typical Value	
Tensile Strength @ Break	ASTM D882	lb./in. (N/100 mm)	70 (1228)	
Elongation % @ Break	ASTM D882	%	500	
Peel Adhesion @ 70°F (21°C) to:	ASTM D-1000	oz./in. (N/100 mm)	Bare Aluminum	60 (76)
Acrylic Enamel Paint			48 (52)	
ABS Plastic			55 (60)	
Max. Service Temperature		°F (°C)	180°F (82°C)	

Dimensions

Approximate Applied Thickness*	Total thickness 0.014 inch (0.36 mm) 0.012 inch (0.30 mm) Backing 0.002 inch (0.06 mm) Adhesive
Standard Roll Length	36 yd. (32.9 m)
Available Widths	1/2 inch minimum 48 inch maximum (1.25 cm to 122 cm) Restricted availability over 12 inch (600 mm)
Approximate Weight*	0.81 lb/yd ² (405 g/m ²)

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

General Information

- 3M™ Polyurethane Protective Tape 8673 and 8673DL has weather resistant properties and has been used to isolate and protect substrates from environmental damage and corrosive elements
- 3M 8673 and 8673DL Tapes may be painted per 3M™ Technical Bulletin Polyurethane Protective Tape, Paint Instructions
- 3M™ Adhesion Promoter 86A* may be used with 3M 8673 Tape and 3M 8673DL Tapes for longer term or permanent application. If edge sealing is required, for additional moisture or fluid exposure, 3M™ Clear Repair Paste RP-2220 is frequently used.

***Note:** Consult local air quality rules which may regulate product use.

Shipping and Storage

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

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

Shelf life: Two (2) years from date of manufacture

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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