

3M™ Polyurethane Protective Tape 8672

Technical Data Sheet

Product Description

3M™ Polyurethane Protective Tape 8672 is made from a tough abrasion resistant polyurethane elastomer that resists punctures, tearing, abrasion and erosion. It is formulated for resistance to ultraviolet light. 3M 8672 Tape provides a simple, easy method of protecting a surface from corrosion, abrasion and minor impact damage. It can be installed in a minimum amount of time with simple tools. It can be painted or applied over painted surfaces. 3M 8672 Tape is a transparent tape constructed with a pressure-sensitive acrylic adhesive that is protected with an easy-release polyester liner.

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) | 40 (700) |
| Elongation % @ Break | ASTM D882 | % | 500 |
| Peel Adhesion @ 70°F (21°C) to: | | | |
| Bare Aluminum | ASTM D-1000 | oz/in (N/100 mm) | 60 (66) |
| Acrylic Enamel Paint | | | 43 (48) |
| ABS Plastic | | | 50 (55) |
| Max. Service Temperature | | °F (°C) | 180°F (82°C) |

Dimensions

| | |
|---------------------------------------|--|
| Approximate Applied Thickness* | 0.006 inch (0.15 mm) Film 0.002 inch (0.06 mm) Adhesive 0.008 inch (0.21 mm) = Total thickness |
| Standard Roll Length | 36 yd (32.9 m) |
| Available Widths | Minimum 1 inch Maximum 48 inches (2.54 cm to 122 cm) |
| Approximate Weight* | 0.47 lb/yd ² (236.3 g/m ²) |

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

General Information

- 3M 8672 Tape has been used to isolate and protect substrates from environmental damage and corrosive elements
- 3M 8672 Tape can be used to provide a UV-resistant surface coating for indoor and outdoor applications
- 3M 8672 Tape may be painted per 3M™ Technical Bulletin Polyurethane Protective Tape, Paint Instructions

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

Precautionary Information

Refer to Product Label and Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577 or (651) 737-6501, and visit www.3m.com/3M/en_US/company-us/SDS-search/

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.

Authorization to Use

Ensure products meet all applicable specifications, standards, and maintenance manual requirements for the platform being worked on and validate all aircraft approvals against current technical documentation.

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

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