

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

### Dimensions

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

\*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/](http://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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