

# 3M™ Polyurethane Protective Tape 8672/8672 GB (gloss black)

## 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 and 8672 GB Tapes are constructed with a pressure-sensitive acrylic adhesive that is protected with an easy-release polyester liner.

3M 8672 Tape is a transparent tape with a polyester liner on the adhesive side.

3M 8672 GB Tape is a glossy black tape with a polyester liner on the adhesive side.

## Typical Physical Properties and Performance Characteristics

**Notes:** 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 Material.

3) Metric values are listed in parenthesis.

### A. 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 1/2 inch    Maximum 48 inches (1.25 cm to 122 cm)
<b>Approximate Weight:*</b>	0.47 lb/yd <sup>2</sup> (236.3 g/m <sup>2</sup> )

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

### B. Typical Physical Properties and Performance Characteristics

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>			
<b>Bare Aluminum</b>	ASTM D-1000	oz/in (N/100 mm)	60 (66)
<b>Acrylic Enamel Paint</b>			43 (48)
<b>ABS Plastic</b>			50 (55)
<b>Maximum Service Temperature:</b>		°F (°C)	200 (93)

## 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” (70-0702-6358-0).

## Safety and Regulatory

- 3M™ Polyurethane Protective Tape is **100%** solids and contains no hazardous air pollutants (HAPs), volatile organic components (VOCs). Respiratory protection is not required under normal use conditions.
- Polyurethane Protective Tape meets US Federal and California regulations for landfillable materials.
- Packaging materials meet US Federal and California regulations for landfillable materials and are recyclable or reusable.
- This product is considered to be an article that does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.



## 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 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 the date of manufacture or as expressly certified by 3M.

## Precautionary Information

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, please visit [www.3M.com/msds](http://www.3M.com/msds) or call 1-800-364-3577 or (651) 737-6501.

## For 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 office or one of the following branches:

<b>Australia</b> 61-2-949-89333 tel	<b>Austria</b> 01-86686-298 tel	<b>Brazil</b> 55 19 3838-7876 tel	<b>Canada</b> 800-410-6880 ext. 6018 tel
<b>China</b> 86-21-62753535 tel	<b>Denmark</b> 45-43-480100 tel	<b>France</b> 0810-331-300 tel	<b>Germany</b> 02131-14-2344 tel
<b>Hong Kong</b> 852-2806-6111 tel	<b>India</b> 1-800-425-3030 tel (inside country only)	<b>Italy</b> 02 7035-3423 tel 02 7035-2162 fax	<b>Japan</b> +81 3 3709 8165 tel
<b>Korea</b> +82 2 3771 4114 tel	<b>Malaysia</b> 60 3 7806 2888 tel	<b>New Zealand</b> 64-9-477-4040 tel	<b>Netherlands</b> 31-71-5-450-272 tel
<b>Philippines</b> 63-2-588-9100 tel	<b>Singapore</b> 65-6450-8888 tel	<b>South Africa</b> 11-922-9111 tel	<b>Spain</b> 34-91-321-6000 tel
<b>Switzerland</b> 01-724-9114 tel	<b>Taiwan</b> +88 62 2704 9011 tel	<b>Thailand</b> 66-2260-8577 tel	<b>United Kingdom</b> (0) 161-237-6174 tel

## Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

## Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

## Warranty, Limited Remedy, and Disclaimer

Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

## Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

This product was manufactured under a 3M quality standard registered under AS9100 standards.



### Aerospace and Aircraft Maintenance Division

3M Center, Building 223-1N-14  
St. Paul, MN 55144-1000  
1-800-235-2376  
[www.3M.com/aerospace](http://www.3M.com/aerospace)

3M is a trademark of 3M Company.  
Please recycle. Printed in U.S.A.  
©3M 2013 (4/13) All rights reserved.  
60-9700-0386-3

