



GROUP OF COMPANY

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## 3M™ Polyurethane Protective Tape 8561

### Technical Data Sheet

#### Product Description

3M™ Polyurethane Protective Tape 8561 is an indoor-grade tape made from an abrasion-resistant polyurethane elastomer that resists puncture, tearing, abrasion and erosion. 3M 8561 Tape provides a simple, easy, and fast method of protecting a surface from corrosion, abrasion, erosion and minor impact damage. 3M 8561 Tape is a transparent tape constructed with a long-aging, solvent-resistant, pressure-sensitive, acrylic adhesive protected with an easy-release poly 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)	75 (1313)
<b>Elongation % @ Break</b>	ASTM D882	%	400
<b>Peel Adhesion @ 70°F (21°C) to:</b>			
Plate Glass	ASTM D3330 Method A 24 hour dwell	oz/in (N/100 mm)	36 (39)
Anodized Aluminum			62 (67)
Acrylic Enamel Paint			26 (28)
Mil-P-23377 Epoxy Primer			42 (45)
<b>Max. Service Temperature</b>		°F (°C)	180°F (82°C)

#### Dimensions

<b>Approximate Applied Thickness*</b>	0.012 inch (0.30 mm) Film 0.002 inch (0.06 mm) Adhesive 0.014 inch (0.36 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>	0.79 lb/yd <sup>2</sup> (428 g/m <sup>2</sup> )

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

## General Information

- 3M Polyurethane Protective Tape and Films have weather resistance properties and have 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, 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

## 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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