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3M™ Polyurethane Protective Tape 8545 Matte Black (no adhesive)

Technical Data Sheet

Product Description

3M™ Polyurethane Protective Tape 8545 Matte Black is made from an abrasion- resistant polyurethane elastomer that resists punctures, tearing, abrasion and erosion. It is formulated for resistance to ultraviolet light. When used in conjunction with an applied paste or structural adhesive, 3M 8545 Matte Black Tape provides protection of a surface from corrosion, abrasion and minor impact damage. It can be painted or applied over painted surfaces.

Typical Physical Properties and Performance Characteristics

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

A. Dimensions:

Approximate Tape Thickness:	0.04 inch (1.02 mm)
Standard Roll Length:	36 yd (32.9 m)
Available Widths:	1/2-inch min. to 24-inch max. (1.25 cm to 61 cm)
Approximate Weight:	1.98 lb/yd^2 (1.07 kg/m^2)

B. Typical Physical Properties and Performance Characteristics:

PROPERTY	TEST METHOD	UNITS	TYPICAL VALUE
Tensile Strength @ Break	ASTM D882	lb/in (N/100 mm)	170 (2,975)
Elongation % @ Break	ASTM D882	%	500

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.
- 3M Polyurethane Protective Tape and Films may be painted per 3M Technical Bulletin, “Polyurethane Protective Tape, Painting Instructions” (70-0702-6358-0).

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 Safety Data Sheet (SDS) for health and safety information before using this product. Always wear personal protection equipment, such as half or full face piece air purifying respirator suitable for organic vapors and particulates. For additional health and safety information, please visit www.3m.com/MSDS or call 1-800-364-3577 or (651) 737-6501.

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 document.

These products are manufactured under a 3M Quality Management System registered to the AS9100 standard

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