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3M™ Polyurethane Protective Tape 8730NA (No Adhesive)

Product Description

3M™ Polyurethane Protective Tape 8730NA is a UV stable polyurethane elastomer film that resists punctures, tearing, and abrasion. 3M 8730NA Tape is specifically designed for use in composite/bonding processes, with cure temperatures up to 350°F (177°C). 3M™ PPT 8730NA Tape is able to be co-cured into composite structures or can be adhesively bonded onto precured parts with appropriate structural adhesives to improve the erosion or impact resistance of the composite. 3M™ PPT 8730NA Tape was formulated for optimized bonding using 3M™ Scotch-Weld™ Structural Adhesive Films AF163-2 and AF191. 3M™ PPT 8730NA Tape is available in matte black.

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

Approximate Applied Thickness:	0.012 inch (0.30 mm) Film
Standard Roll Length:	36 yd (32.9 m)
Available Widths:	24 inches or 32 inches
Approximate Weight:	0.69 lb/yd^2 (374 g/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)	80 (1400)
Elongation % @ Break:	ASTM D882	%	450
Taber Abrasion Mass Loss:	ASTM C50, H18, 1kg, 1000 cycles	g	0.03
Hardness:	ASTM D2240	Shore A	81
Temperature Capability:	3M 8730NA Film can be used in applications with continuous temperatures up to 250°F (121°C) and in processes with short-term exposure to temperatures up to 350°F (177°C).		

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.

Precautionary Information
Refer to product label and Safety Data Sheet (SDS) for health and safety information before using this product. For SDS and/or other regulatory documents visit our website https://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.

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

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Automotive & Aerospace Solutions Division
3M Center
St. Paul, MN 55144-1000
Phone 1-800-328-1684
Web www.3M.com/aerospace

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