



Protective UV Tape

3W55X (Black/White)

Technical Data

March, 2007

Product Description 3M™ Protective UV Tape 3W55X is a black and white co-extruded polyethylene tape with a medium-tack adhesive system for temporary indoor and outdoor protection of most metals, plastics and glass.*

Construction	Backing	Adhesive	Colors	Standard Roll Size
	Co-extruded low-density polyethylene	Acrylic	White (outside layer) Black (inside adhesive layer)	48 in. (1200 mm), 60 in. (1500 mm), 72 in. (1800 mm) x 1000 ft. (304.8 m) to 5000 ft. (1524 m)

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.

	Nominal Results	ASTM Test Method
Adhesion to Steel: (oz./in. width)	9	D-3330
Tack Level:	Medium	
Tensile Strength: (Break or Yield)	2500 PSI / 1.7 MPA	D-882
Elongation: (Break or Yield)	450%	D-882
Total Tape Thickness:	3.0 mils (0.08 mm)	D-3652

Features

- Black/white tape does not lift and removes cleanly after exposure to sunlight.
- Helps protect surfaces and reduces replacement of parts because of surface abrasion.
- Abrasion-resistant backing resists tearing during forming.
- Stable adhesion levels result in good removability during application life.
- Excellent UV resistance for up to 6 months.*

*UV performance was generated from actual exposure in South Eastern USA on selected painted metal surfaces. Accelerated laboratory weathering tests were performed on representative painted metal surfaces. **Pre-qualification testing at 3M PolyMask may not predict actual results obtained under customer process and environmental conditions and use on specific substrates so customer qualification testing and evaluation are required prior to use.** Contact technical service at 3M PolyMask for assistance @ 1-800-241-2031.

Application Ideas

- Protects most mill-finished stainless and aluminum sheets and coils, low-gloss painted metals, plastics, fiberglass and molded surfaces with minimum adhesion buildup and clean removal after exposure to outdoor environments.

Application Techniques

For optimum performance, this tape should be applied and removed at a temperature not less than 60°F (16°C).

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Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life To obtain best performance, use this product within 12 months from date of manufacture.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-241-2031 or 828-465-3053. Address correspondence to: PolyMask, a 3M company, 500 Thornburg Dr., P.O. Box 309, Conover, NC 28613. Our fax number is 1-800-672-3038 or 828-465-2404.

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ISO 9001:2000

This product was manufactured under a quality system registered to ISO 9001:2000 standards by PolyMask Corporation, a 3M company.



**Industrial Business
Industrial Adhesives and Tapes Division**

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