



Protective UV Tape

3W29X (Black/White)

Technical Data

January, 2011

Product Description 3M™ Protective UV Tape 3W29X is a black and white co-extruded polyethylene tape for temporary indoor and outdoor protection of many 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 **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:	7.0 oz./in. (1.9 N/25 mm)	D-3330**
Tack Level:	Medium	
Tensile Strength: (Break or Yield)	2500 PSI (17 MPa)	D-882**
Elongation: (Break or Yield)	450%	D-882**
Total Tape Thickness:	3.0 mils (0.08 mm)	D-3652**

**ASTM test references modified per internal test methods.

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 9 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 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 for assistance @ 1-800-241-2031.

Application Ideas

- Protects stainless steel 304 2B, brushed aluminum, embossed and smooth painted metals, fiberglass and molded plastics, cultured marble and solid surface counter tops that will be exposed to outdoor environments.

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

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.

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.

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ISO 9001:2008

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Industrial Adhesives and Tapes Division

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