



# Protective UV Tape

## 2AU23B/UV

Technical Data

January, 2011

**Product Description** 3M™ Protective UV Tape 2AU23B/UV is a proprietary co-extruded multi-polymer tape featuring limited UV resistance.

Product Construction	Backing	Adhesive	Color
	Proprietary multi-polymer	Acrylic	Blue*

\*Note: 3M™ Protective UV Tape 2AU23 is also available in clear, respective product number is 2AU23C/UV. Contact your local sales representative for information regarding availability and minimum requirements.

### 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:	3.0 oz./in. (0.8 N/25 mm)	D-3330**
Tack Level:	Low	
Tensile Strength: (Break or Yield)	4500 PSI (31 MPa)	D-882**
Elongation: (Break or Yield)	600%	D-882**
Total Tape Thickness:	2.0 mils (0.05 mm)	D-3652**

\*\*ASTM test references modified per internal test methods.

### Features

- Can withstand up to 30 day's of outdoor exposure in applications oriented at 90 degrees to sunlight.\*
- Removes clean after UV exposure.
- Translucent clear and blue color allow for visual inspection of parts.
- Non-staining and non-corrosive adhesive.
- Adheres to metals, plastics and glass surfaces.
- Stable adhesion levels result in good removability during application life.

\*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 aluminum and vinyl windows and frames, window and door glass, garage door panels, metal entry doors and storefronts, painted metal roofing and building panels, and aluminum extrusions.

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**Application Techniques** • For optimum performance, 3M™ Protective Tapes 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.

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

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**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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**Product Use** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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**ISO 9001:2008**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



## Industrial Adhesives and Tapes Division

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