



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Weather Resistant Film Tape

838

Technical Data

Product Description 3M™ Weather Resistant Film Tape 838 can be used for many long-term weather resistant and protecting applications.

Product Construction	Backing	Adhesive	Color	Standard Roll Length	Standard Widths
	Tedlar® PVF	Acrylic	White	72 yds. (66 m)	1, 1½, 2 in. (25, 38, 50 mm)

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.**

		ASTM Test Method
Adhesion to Steel:	47 oz./in. width (51 N/100 mm)	D-3330
Tensile Strength:	24 lbs./in. width (420 N/100 mm)	D-3759
Elongation at Break:	170%	D-3759
Backing Thickness:	2.1 mils (0.05 mm)	D-3652
Total Tape Thickness:	3.4 mils (0.09 mm)	D-3652
Temperature Use Range:	-100° to 225°F (-73° to 107°C)	

Features

- Good aging properties because it contains no plasticizers. It also remains tough and flexible over a broad temperature range.
- The properties of Tedlar® film include excellent resistance to weathering, outstanding mechanical properties and inertness toward a wide variety of chemicals, solvents and staining agents.
- Tedlar® film tape is strong, flexible and fatigue resistant.
- Can be certified to meet Mil Spec MIL-T-22085 Amendment 3, Type IV.

Application Ideas

- Sealing the seams of outdoor building panels, windows and doors as well as similar severe exposure applications.
- Hinge seal on shower doors.

3M™ Weather Resistant Film Tape

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Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

Product Use All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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10% post-consumer*

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