



Weather Resistant Film Tape

838

Technical Data

December, 2014

Product Description	3M™ Weather Resistant Film Tape 838 is comprised of strong, thin Tedlar® backing with high shear, solvent resistant acrylic adhesive. This tape is ideal for many long-term weather resistant and protection applications.
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Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Tedlar® PVF	Acrylic	White	72 yds. (65.8 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.
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		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 Thickness:	3.4 mils (0.09 mm)	D-3652
Temperature Use Range:	-100°F - 225°F (-73°C - 107°C)	

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| Features | <ul style="list-style-type: none">• Tedlar® PVF backing provides strength without thickness.• 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.• Good aging properties because it contains no plasticizers. It also remains tough and flexible over a broad temperature range. |
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Application Ideas	• Sealing the seams of outdoor building panels, windows and doors as well as similar severe exposure applications. • Hinge seal on shower doors. • Sealing critical area from moisture intrusion.
Storage	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original packaging material.
Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.
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ISO 9002

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



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