



# Weather Resistant Film Tape

## 838

Technical Data

November, 2008

**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.

### 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.

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

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**ISO 9001:2000**

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

## 3M

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