



Weather Resistant Film Tape

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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.

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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.

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ISO 9001:2000

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