



Weather Resistant Film Tape

838

Technical Data

February, 2013

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| Product Description | 3M™ Weather Resistant Film Tape 838 can be used for many long-term weather resistant and protecting applications. | | | |
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| Product Construction | Backing | Adhesive | Color | Standard Roll Length | Standard Widths |
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| | Tedlar® PVF | Acrylic | White | 72 yds. (66 m) | 1, 1½, 2 in. (25, 38, 50 mm) |

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| 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) | | |
| Tensile Strength: | 24 lbs./in. width (420 N/100 mm) | | |
| Elongation at Break: | 170% | | |
| Backing Thickness: | 2.1 mils (0.05 mm) | | |
| Total Tape Thickness: | 3.4 mils (0.09 mm) | | |
| Temperature Use Range: | -100° to 225°F (-73° to 107°C) | | |

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| Features | <ul style="list-style-type: none">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. |
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| Application Ideas | <ul style="list-style-type: none">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.

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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ISO 9001

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Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/industrial



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