



Weatherban™

Sealant Tape

5354

Technical Data

May, 2002

Product Description

- 3M™ Weatherban™ Sealant Tape 5354 is a high tack extruded synthetic rubber, non-curing sealant in tape form.
- It can be used to seal between glass, metal, wood and many plastics.
- Easy to compress and has exceptional cold flow resistance.
- Good adhesion to dry surfaces and will stay in place when positioned vertically, overhead or around sharp corners.
- Low moisture vapor transmission.

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.

Base:	Synthetic Rubber
Color:	Black
Solids:	100%
Hardness:	60 (Shore 00) (Approx.)
Specific Gravity:	1.41 (Approx.)
Flashpoint:	None

Handling/Application Information

- Surfaces to be sealed must be clean, dry and free of grease, oil, or contaminants.
- Carefully align sealant tape 5354 directly on surface to be sealed as it is removed from the roll. Repositioning will usually cause distortion of the sealant.
- Press the sealant tape 5354 in place, remove and discard the liner.
- Care should be taken not to allow two pieces of sealant tape 5354 to come in contact as they will adhere and require cutting to separate.
- Excess sealant tape 5354 may be removed by cutting with a sharp knife or razor blade moistened with water.

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Typical Performance Characteristics

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- **Overlap Shear Strength (psi)**

Substrate	24 Hr. Rt.	7 Days Rt.
Birch	7.0	7.0
Acrylic	10.0	10.4
Polycarbonate	10.5	10.9
Bare Aluminum	10.5	11.9
Cold Rolled Steel*	10.0	13.0

*7 day age for CRS was 230°F (110°C)
- **Heat Aging**

	Initial	Aged 7 Day, 230°F (110°C)
Hardness, Shore 00	60	62
- **Low Temperature Flexibility**

Bend free film 1/8 inch thick over a one inch mandrel at -50°F (-46°C) No cracking or checking
- **Moisture Vapor Transmission (MVT)**

Tested Per ASTM E96-66 Procedure B 0.39 GMS/24 Hrs/M²

Storage and Shelf Life

Storage: For optimum storage, 3M™ Weatherban™ Sealant Tape 5354 should be stored between 60°F and 80°F (16°C - 27°C). Higher temperature storage conditions could cause distortion of the sealant tape and impair liner release.

Shelf Life: When stored at recommended temperatures in original, unopened container, this product has a shelf life of 15 months from the date 3M ships the product.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577 or (651) 737-6501.

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/adhesives. Address correspondence to: 3M Engineered Adhesives Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-2180.

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ISO 9002

This Engineered Adhesives Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

3M

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