



# 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.

<b>Base:</b>	Synthetic Rubber
<b>Color:</b>	Black
<b>Solids:</b>	100%
<b>Hardness:</b>	60 (Shore 00) (Approx.)
<b>Specific Gravity:</b>	1.41 (Approx.)
<b>Flashpoint:</b>	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.

# Weatherban™ Sealant Tape 5354

## Typical Performance Characteristics

**Note:** The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

- **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/M<sup>2</sup>

## 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](http://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.

## Important Notice

3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

## Limitation of Remedies and Liability

If the 3M product is proved to be defective, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability.

ISO 9002

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

# 3M

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