



# Technical Data Sheet

## 3M™ Weatherban™ Sealant Tape 5354



[Product Details](#)



[Regulatory Info/SDS](#)

### 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.

### Technical Information Note

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

### Typical Uncured Physical Properties

Attribute Name	Value
Base	Synthetic Rubber

### Typical Physical Properties

Attribute Name	Test Method	Dwell Time	Temperature	Value
Color				Black
Solids Content by Weight				100 %
Shore 00 Hardness		7 d	110 °C (230 °F)	62
Shore 00 Hardness				60
Water Vapor Transmission	ASTM E96-66 Procedure B			0.39 g/24 h/m <sup>2</sup>

### Typical Cured Characteristics

Attribute Name	Test Method	Value
Shore A Hardness	ASTM C661	60

### Typical Performance Characteristics

#### Overlap Shear Strength

Test Method	Dwell Time	Temperature	Substrate	Value
	24 h	22 °C (72 °F)	Birch	7 lb/in <sup>2</sup>
	24 h	22 °C (72 °F)	Acrylic (PMMA)	10 lb/in <sup>2</sup>
	24 h	22 °C (72 °F)	Polycarbonate (PC)	10.5 lb/in <sup>2</sup>
	24 h	22 °C (72 °F)	Aluminum	10.5 lb/in <sup>2</sup>
	24 h	22 °C (72 °F)	Cold Rolled Steel	10 lb/in <sup>2</sup>
ASTM D1002, ISO 4587	7 d	22 °C (72 °F)	Aluminum	11.9 lb/in <sup>2</sup>
ASTM D1002, ISO 4587	7 d	22 °C (72 °F)	Polycarbonate (PC)	10.9 lb/in <sup>2</sup>

Test Method	Dwell Time	Temperature	Substrate	Value
ASTM D1002, ISO 4587	7 d	22 °C (72 °F)	Acrylic (PMMA)	10.4 lb/in <sup>2</sup>
ASTM D1002, ISO 4587	7 d	22 °C (72 °F)	Birch	7 lb/in <sup>2</sup>
ASTM D1002, ISO 4587	7 d	110 °C (230 °F)	Cold Rolled Steel	13 lb/in <sup>2</sup>

Attribute Name	Value
Low Temperature Flexibility	Bend free film 1/8 inch thick over a one inch mandrel at -50°F (-46°C) - No cracking or checking

## **Handling/Application Information**

### **Directions for Use**

- 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.

## **Storage and Shelf Life**

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 15 months from date of shipment.

## **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

## **Automotive Disclaimer**

### **Select Automotive Applications:**

This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

## **Information**

**Technical Information:** The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

**Product Selection and Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

**Warranty, Limited Remedy, and Disclaimer:** Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

**Limitation of Liability:** Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

**Disclaimer:** 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards

(e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, or death. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit [www.3M.com](http://www.3M.com).

## **ISO Statement**

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

## **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).

3M™ Industrial Adhesives and Tapes Division  
3M Center, St. Paul, MN 55144-1000  
[3M.com/iatd](http://3M.com/iatd)

©3M 2024 (6/24)