



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 ²

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	23 °C (73 °F)	Birch	48 kPa (7 lb/in ²)
	24 h	23 °C (73 °F)	Acrylic (PMMA)	68 kPa (10 lb/in ²)
	24 h	23 °C (73 °F)	Polycarbonate (PC)	72 kPa (10.5 lb/in ²)
	24 h	23 °C (73 °F)	Aluminum	72 kPa (10.5 lb/in ²)
	24 h	23 °C (73 °F)	Cold Rolled Steel	68 kPa (10 lb/in ²)
ASTM D1002, ISO 4587	7 d	23 °C (73 °F)	Aluminum	82 kPa (11.9 lb/in ²)
ASTM D1002, ISO 4587	7 d	23 °C (73 °F)	Polycarbonate (PC)	75 kPa (10.9 lb/in ²)

Test Method	Dwell Time	Temperature	Substrate	Value
ASTM D1002, ISO 4587	7 d	23 °C (73 °F)	Acrylic (PMMA)	71 kPa (10.4 lb/in ²)
ASTM D1002, ISO 4587	7 d	23 °C (73 °F)	Birch	48 kPa (7 lb/in ²)
ASTM D1002, ISO 4587	7 d	110 °C (230 °F)	Cold Rolled Steel	89 kPa (13 lb/in ²)

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

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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.

3M™ Industrial Adhesives and Tapes Division
3M Center, St. Paul, MN 55144-1000
3M.com/iatd

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