



3M™ High Tack Double Coated Film Tape 97001

Last Revision Date: May, 2022

Product Description

3M™ High Tack Double Coated Film Tape 97001 is a double coated polyester (PET) film tape coated on both sides with a high performance acrylic pressure sensitive adhesive (PSA). A versatile tape specifically designed for low surface energy and difficult to bond applications, 3M tape 97001 provides a permanent bond on foams, plastics, metals, and composite materials subjected to a broad range of environmental conditions.

Product Features

- Adheres well without heat assistance to most low surface energy polyolefins, papers, vinyls, foam polycarbonates and metals
- Resistance to oils, chemicals, oxidation, high temperature, humidity and UV
- Performs well at high and low temperatures
- Excellent peel, tack and shear

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 Physical Properties

Property	Values	Additional Information
Adhesive Type	Acrylic https://multimedia.3m.com/mws/media/20693080/image-50-jpg.jpg	
Adhesive Carrier	Polyester Film https://multimedia.3m.com/mws/media/20693080/image-50-jpg.jpg	
Liner	Paper	
Liner Thickness	0.1 mm	
Total Tape Thickness (mil)	3.5 mil	View
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.09 mm	View

Test Method: ASTM D3652

Adhesive Thickness	1.5 mil	
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Adhesive Thickness	0.04 mm	View 
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Test Name: Faceside

Notes: Faceside adhesive is on the interior of the roll, exposed when unwound and liner removed.

Liner Print	None	
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Liner Thickness	4.1 mil	
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Typical Performance Characteristics

Property	Values	Additional Information
Short Term Temperature Resistance	300 °F	

Short Term Temperature Resistance	149 °C	
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Long Term Temperature Resistance	121 °C	
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Long Term Temperature Resistance	250 °F	
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Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.
To obtain best performance, use this product within 12 months from date of manufacture.

Bottom Matter

3M
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Trademarks

3M is a trademark of 3M Company.

Automotive Disclaimer

Automotive Applications: This product is an industrial product and has not been designed or tested for use in certain automotive applications, including, but not limited to, automotive electric powertrain battery or high voltage applications. This product does not fully adhere to typical automotive design or quality system requirements, such as IATF 16949 or VDA 6.3. This product may not be manufactured in an IATF certified facility and may not meet a Ppk of 1.33 for all properties. The product may not undergo an automotive production part approval process (PPAP). Customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's automotive application and for conducting incoming inspections before use of the product. Failure to do so may result in injury, death, and/or harm to property. No written or verbal statement, report, data or recommendation by 3M related to automotive use of the product shall have any force or effect unless in an agreement signed by the Technical Director of 3M's Automotive Division. Customer assumes all responsibility and risk if customer chooses to use this product in an automotive electric powertrain battery or high voltage application, and 3M will not be liable for any loss or damage arising from or related to the 3M product or customer's use of the product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity or recall costs), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability. In no event shall 3M be liable for any damages in excess of the purchase price paid for the product.

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References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40070469/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=97001

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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