



3M™ Double Coated Tape 9495MP

Last Revision Date: March, 2022

Product Description

3M™ Double Coated Tape 9495MP is a double coated film tape features a thin polyester film for dimensional stability and improved handling with ease of die cutting and laminating. The #200MP “Hi-Performance” acrylic adhesive provides exceptional temperature and chemical resistance as well as good shear strength.


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 Carrier	PET	
Liner Thickness	0.1 mm	
Backing Color	Clear	
Total Tape Thickness	4.8 mil	View
Test Method: ASTM D3652		
Total Tape Thickness	0.12 mm	View
Test Method: ASTM D3652		
Adhesive Thickness	0.05 mm	View
Test Name: Backside		
Adhesive Thickness	2.0 mil	View
Test Name: Backside		
Adhesive Thickness	0.06 mm	View


Test Name: Faceside

Adhesive Thickness	2.3 mil	View 
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Test Name: Faceside

Carrier Thickness	0.012 mm	View 
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Test Method: PSTC-133

Carrier Thickness	0.5 mil	View 
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Test Method: PSTC-133

Liner Print	Tan with green "3M 200MP"
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Liner Thickness	3.0 mil
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Typical Performance Characteristics

Property	Values	Additional Information
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Short Term Temperature Resistance	300 °F	
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Short Term Temperature Resistance	150 °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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Static Shear	10000 min	
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180° Peel Adhesion	11.5 N/cm	View 
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Test Method: ASTM D3330

Dwell/Cure Time: 20.0
Dwell Time Units: min
Substrate: Stainless Steel

180° Peel Adhesion	11 N/cm	View 
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Test Method: ASTM D3330

Dwell/Cure Time: 20.0
 Dwell Time Units: min
 Substrate: Polycarbonate (PC)

180° Peel Adhesion	12.5 N/cm	View 
Test Method: ASTM D3330 Dwell/Cure Time: 72.0 Dwell Time Units: hr Substrate: Stainless Steel		
180° Peel Adhesion	11.5 N/cm	View 
Test Method: ASTM D3330 Dwell/Cure Time: 72.0 Dwell Time Units: hr Substrate: Polycarbonate (PC)		

Typical Environmental Performance

Excellent

Application Examples

- Graphic overlays
- Nameplates
- LED Lenses
- Appliques
- Decorative Trim

Storage and Shelf Life

24 months from date of manufacture when stored in original cartons at 21°C and 50% relative humidity.

Trademarks

3M is a trademark of 3M Company.

Handling/Application Information

Application Techniques

For maximum bond strength the surface should be thoroughly cleaned and dried. Typical cleaning solvents are heptane or isopropyl alcohol.*

*Note: Follow the manufacturer's precautions and directions for use when using solvents.

- Bond strength is dependent upon the amount of adhesive to surface contact developed. Firm application pressure helps develop better adhesive contact and thus improve bond strength.
- Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended for most pressure-sensitive adhesives because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b00051533/

ISO Statement

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

Information

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