

Technical Data Sheet

3M™ Vent Tape 3294

Product Description

3M™ Vent Tape 3294 is a non-woven, synthetic backing with a strip-coated lowtack pressure sensitive adhesive for use in various venting applications requiring high outgassing rates.





Product Features

- Non-woven backing that is conformable, high air/gas permeability, and good burst strength for effective sealing and minimal foaming voids to help reduce clean-up.
- Pressure-sensitive adhesive for no additional holding which means it will help reduce labor costs.
- Adhesive is strip-coated so uncoated areas have higher permeability to help minimize foaming voids.

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
Backing	Rayon	
Adhesive Type	Acrylic	
Color	Pink	
Total Tape Thickness (mil)	5 mil	View 
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.13 mm	View 
Test Method: ASTM D3652		
Adhesion to Backing	0.33 N/cm	View 
Test Method: ASTM D3330		
Adhesion to Backing	3 oz/in	View 

Test Method: ASTM D3330

Porosity	50.6 m ² /min/m ²	View 
Test Method: ASTM D737		
Porosity	166 cfm/ft ²	View 
Test Method: ASTM D737		

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	14 N/cm	View 
Test Method: ASTM D3759		
180° Peel Adhesion	1 N/cm	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	9 oz/in	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
Tensile Strength	128 oz/in	View 
Test Method: ASTM D3759		
Elongation at Break (%)	15 %	View 
Test Method: ASTM D3759		
Long Term Temp C	49 °C	View 
Test Condition: Long Term (day, weeks)		
Long Term Temp F	120 °F	View 
Test Condition: Long Term (day, weeks)		

Available Sizes

Property	Values	Additional Information
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Standard Roll Length 33 m

Standard Roll Length 36 yd

Storage and Shelf Life

Store in a clean, dry environment between 60-80°F (15-27°C) and 40-50% relative humidity.

To obtain best performance, use this product within 18 months from date of manufacture.

Bottom Matter

3M

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Handling/Application Information

Application Examples

To allow the confinement and outgassing of foam insulation.

Application Techniques

Best results are attained when applied to clean, dry surfaces between 60-80°F (15-27°C).

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40070631/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=3294

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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