

3M Science. Applied to Life.™

3M™ Vent Tape 394

Last Revision Date: January, 2006

Product Description

3M™ Vent Tape 394 is a non-woven, synthetic backing that meets most typical outgassing requirements for foam-in-place insulation processes in appliance and other industries and contains fungicide for use in areas of high humidity.

Product Features

- Unique non-woven porous backing that has high air/gas permeability, good burst strength and solids barrier for minimal voids and less clean up.
- Pressure-sensitive adhesive for no additional holding which means it will help reduce labor costs.

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	Non-woven fabric	
Adhesive Type	Acrylic	
Color	White	
Total Tape Thickness (mil)	4 mil	View
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.1 mm	View
Test Method: ASTM D3652		
Porosity	10.5 sec/100 cc air/6.45 cm^2	View
Test Method: TAPPI T-460		

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	10.5 N/cm	View
Test Method: ASTM D3759		
180° Peel Adhesion	1.3 N/cm	View
Test Method: ASTM D3330 Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	12 oz/in	View
Test Method: ASTM D3330 Notes: 12 in/min (300 mm/min)		
Tensile Strength	96 oz/in	View
Test Method: ASTM D3759		
Elongation at Break (%)	18 %	View
Test Method: ASTM D3759		
Long Term Temperature Resistance	49 °C	
Long Term Temperature Resistance	120 °F	

Available Sizes

Property	Values	Additional Information
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
Industrial Adhesives and Tapes Division
3M Center, Building 225-3S-06

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References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40069518/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=394

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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