

# Technical Data Sheet

## 3M™ Vent Tape 394

### 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 <sup>2</sup>	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 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
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

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## References

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

## 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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