



Technical Data Sheet

3M™ Venture Tape™ Vinyl Seaming Tape 460

Product Description

3M™ Venture Tape™ Vinyl Seaming Tape 460V is an embossed vinyl seaming tape with a high tack acrylic pressure sensitive adhesive.

Product Features

- Acrylic adhesive performs well over a wide temperature range
- Excellent resistance to weathering and environmental conditions

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	Embossed Vinyl	
Adhesive Type	Acrylic	
Liner	Release Liner	
Color	Black/White	
Backing Thickness (mm)	0.08 mm	View ^
Test Method: ASTM D3652		
Total Tape Thickness (mil)	4.9 mil	View ^
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.12 mm	View ^
Test Method: ASTM D3652		

Backing Thickness	3.3 mil	View 
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Test Method: ASTM D3652

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	17.5 N/cm	View 

Test Method: ASTM D3759

180° Peel Adhesion	3.6 N/cm	View 
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Test Method: ASTM D3330
Notes: 12 in/min (300 mm/min)

180° Peel Adhesion	33 oz/in	View 
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Test Method: ASTM D3330
Notes: 12 in/min (300 mm/min)

Tensile Strength	160 oz/in	View 
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Test Method: ASTM D3759

Elongation at Break (%)	89 %	View 
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Test Method: ASTM D3759

Long Term Temperature Resistance	107 °C	
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Minimum Long Term Temperature Resistance	-40 °C	
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Long Term Temperature Resistance	225 °F	
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Minimum Long Term Temperature Resistance	-40 °F	
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Available Sizes

Property	Values	Additional Information
Standard Roll Length	45 m	

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Standard Roll Length	50 yd
Standard Width	25.4 mm
Standard Width	1 in

Storage and Shelf Life

Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended. To obtain best performance, use this product within 24 months from date of manufacture.

Bottom Matter

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Handling/Application Information

Application Examples

- Seaming vinyl faced fiberglass insulation and water heater blanket insulation.
- Water and vapor barrier for vinyl faced insulation seaming applications

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40067955/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=460V

Family Group

Link Tags:

- 460V

Products	Backing	Adhesive Type	Liner	Tensile Strength
460V	Embossed Vinyl	Acrylic	Release Liner	17.5 N/cm

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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