



Technical Data Sheet

3M™ Venture Tape™ Film Faced ASJ Tape 106FXP

Product Description

3M™ Venture Tape™ Film Faced ASJ Tape 106FXP is a Next Generation white polypropylene/core/scrim/foil (ASJ) laminate coated with a cold weather acrylic pressure sensitive adhesive.

Product Features

- Cold weather adhesive performs well over a wide temperature range
- Superior resistance to weathering and mold
- Flexible backing conforms well to curved or irregular surfaces
- Easy to install on site without special tools or application methods

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	Next Generation ASJ	
Adhesive Type	Acrylic	
Liner	Release Liner	
Color	White	
Total Tape Thickness (mil)	8 mil	View
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.23 mm	View
Test Method: ASTM D3652		
Water Vapor Transmission	0.02 Perms	View

Test Method: ASTM E96

Notes: Water Vapor Transmission Rate data based in part on third party test data of the product backing.

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	123 N/cm	View 
Test Method: ASTM D3759		
180° Peel Adhesion	Exceeds the strength of tape backing N/cm	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
Tensile Strength (lb/in)	70 lb/in	View 
Test Method: ASTM D3759		
Elongation at Break (%)	3 %	View 
Test Method: ASTM D3759		
Long Term Temperature Resistance	66 °C	
Minimum Long Term Temperature Resistance	-40 °C	
Long Term Temperature Resistance	150 °F	
Minimum Long Term Temperature Resistance	-40 °F	

Available Sizes

Property	Values	Additional Information
Standard Roll Length	45.7 m	
Standard Roll Length	50 yd	

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.

Industry Specifications

- UL723 Classified (15/30 Flame/Smoke Rating) [UL file #R10984]
- CAN/ULC S102 Classification Flame and Smoke Rating (15/30) [UL file #R10984]

Bottom Matter

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Trademarks

3M and Venture Tape are trademarks of 3M Company.

Handling/Application Information

Application Examples

- Vapor seal on Next Generation ASJ faced fiberglass duct board and pipe insulation
- Closure system on all service jacket (ASJ) faced duct piping systems

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40068335/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=106FXP

Family Group

Link Tags:

- 106FXP

Products	Backing	Liner	Color	Tensile Strength	Long Term Temperature Resistance	Minimum Long Term Temperature Resistance
106FXP	Next Generation ASJ	Release Liner	White	123 N/cm	150 °F	-40 °C

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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