



Technical Data Sheet

3M™ ASJ Facing Tape 2C105

Product Description

3M™ ASJ Facing Tape 2C105 is a kraft/scrim/foil (ASJ) laminate coated with a cold weather acrylic pressure sensitive adhesive.

Product Features

- Bonds and seals at temperatures as low as -10°F (-23°C)
- Cold weather adhesive performs well over a wide temperature range
- Mold inhibitor helps maintain adhesive strength and effectiveness
- High puncture and tear resistance ensures long life and durability.
- Conforms well to curved and irregular surfaces

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

Attribute Name	Test Method	Value
Color		White
Adhesive Type		Acrylic
Backing		ASJ
Backing Thickness	ASTM D3652	0.16 mm (6.5 mil)
Total Tape Thickness	ASTM D3652	0.19 mm (7.5 mil)
Liner		Release Liner
Water Vapor Transmission	ASTM E96	0.02 US Perms

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	Exceeds the strength of tape backing oz/in ¹
Elongation at Break	ASTM D3759		2 %
Tensile Strength	ASTM D3759		70.1 N/cm (40 lb/in)

¹ 12 in/min (300 mm/min)

Attribute Name	Value
Long Term Temperature Resistance	116 °C (240 °F) ¹
Minimum Long Term Temperature Resistance	-23 °C (-10 °F) ¹

¹ Long Term (day, weeks)

Handling/Application Information

Application Examples

- Closure system on ASJ faced duct piping systems.
- Vapor seal on ASJ faced ductboard and pipe insulation.

Certifications/Standards

Certifications

- UL723 Classified (15/0 Flame/Smoke Rating) [UL file #R10984]
- CAN/ULC Classified (15/10 Flame/Smoke Rating) [UL file #R10984]
- Facing meets ASTM C1136, type I, II, III and IV

Storage and Shelf Life

Store under normal conditions of 4° to 27°C (40° to 80°F) and 40 to 50% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

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