

3M

Vent Tape

3294

Technical Data

January, 2006

Product Description 3M™ Vent Tape 3294 is a non-woven, synthetic backing with a strip-coated low-tack pressure sensitive adhesive for use in various venting applications requiring high outgassing rates.

Construction	Backing	Adhesive	Color	Standard Roll Length
	Rayon	Acrylic	Pink	36 yds. (33 m)

Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

		ASTM Test Method
Adhesion to Steel:	9 oz./in. width (9.9 N/100 mm)	D-3330
Tensile Strength:	8 lbs./in. width (140 N/100 mm)	D-3759
Elongation at Break:	15%	D-3759
Backing Thickness:	4.0 mils (0.1 mm)	D-3652
Total Tape Thickness:	5.0 mils (0.13 mm)	D-3652
Adhesion to Backing:	3 oz./in. width (3.3 N/100 mm)	D-3330
Porosity:	166 cu. ft./min./sq. ft. (50.6 cu. meters/min./sq. meter)	D-737-46

Features

- Non-woven backing that is conformable, high air/gas permeability, and good burst strength for effective sealing and minimal foaming voids to help reduce clean-up.
- Pressure-sensitive adhesive for no additional holding which means it will help reduce labor costs.
- Adhesive is strip-coated so uncoated areas have higher permeability to help minimize foaming voids.

Application Ideas

- To allow the confinement and outgassing of foam insulation.

Application Techniques

- Best results are attained when applied to clean, dry surfaces between 60-80°F (15-27°C).

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Storage Store in a clean, dry environment between 60-80°F (15-27°C) and 40-50% relative humidity.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

Product Use All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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ISO 9001:2000

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