

Very High Density Foam Technical Data Sheet



DESCRIPTION

Foam Seal Very High Density is an industrial, closed cell PVC foam.

APPLICATIONS

Foam Seal Very High Density is used for applications requiring a cushion against heavy loads. Very High Density foam withstands wear and abrasion in "tough duty" applications. Very High Density has an application temperature range of -40°F to 172°F (-40°C to 78°C).

BACK STRIPPING

Also known as reverse wrapping. Foam Seal/Novagard manufactures the foam with the adhesive side exposed. The length is determined with the foam used in this manner. When the use requires the adhesive side to be against the paper, the product has to be reverse wrapped, so the uncoated foam is exposed. This causes a loss of yield in length. The reason for this loss is that the configuration of the foam is changed because the foam is compressed onto a shorter length of liner. The loss will be equal to the outer circumference of the material minus 10 inches.

STORAGE

Product shelf life begins on the date of production as referenced by the lot number. Foam Seal Very High Density has a shelf life of 6 months with adhesive and 2 years without adhesive when stored at or below 75°F (24°C).

ADDITIONAL INFORMATION

Foam Seal/Novagard believes that the information provided is a true and accurate description of the typical characteristics of the product; however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy, and safety.

PRODUCT SPECIFICATIONS*

Parameter	Condition	Specification
Gauge (Thickness)	1/32" to 1/8"	+/- 20%
Width (Rolls)	3/16" to < 2" wide 2" to 52" wide	+/- 1/32" +/- 1/16"
Length	≤ 50' long > 50' long	0" to +6" - 1% to +2 %
Density (lbs./cu ft)		17.0 – 21.0
Adhesion	Stainless steel	20 oz / in min Typical value: >30 oz/in

* Foam without adhesive or liner unless noted. Specifications based on a sample size of three to five. Testing to these specifications may be dependent on the specific application. Specifications are subject to change without notice.

TYPICAL PROPERTIES

	Test Method	Typical Values
Force to Compress	ASTM D1667	6.47 psi
Compression Deflection	ASTM D1667	3.70 psi
Water Absorption	ASTM D1056	1.7%
Tensile Strength (Die A)	ASTM D412	82.1
Elongation With Adhesive	ASTM D412	143.6%
Flammability (Rate – mm/min.)	MVSS 302	Self-Extinguishing
Hardness (Shore "00")	ASTM D2240	53

The information provided in the above table is not intended for use in preparing specifications. Information for reference is intended as a general guideline only. Typical values are based on a sample size of three to five and performed within 2 weeks of manufacture.