High Density Foam
Technical Data Sheet

FOAMSEAL

DESCRIPTION
Foam Seal High Density is an industrial PVC foam.

APPLICATIONS
Foam Seal High Density is used for applications requiring a cushion against heavy loads. High Density foam withstands wear and abrasion in "tough duty" applications. High Density remains pliable at temperatures of -20°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 High Density has a shelf life of 6 months with adhesive and 2 years without adhesive when stored at or below 75°F.

ADDITIONAL INFORMATION
Foam Seal/Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned 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)	1/16" to <1/8" 1/8" to <3/16" 3/16" to 1/2"	+/- 20% +/- 15% +/- 10%
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)		13.0 – 17.0
Adhesion	Stainless steel	12oz /in minimum 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	9.0 psi
Compression Deflection	ASTM D1667	5.5 psi
Water Absorption	ASTM D1056	3%
Tensile Strength (Die A)	ASTM D412	60
Elongation Without Adhesive	ASTM D412	180%
Flammability (Rate – mm/min.)	MVSS 302	Self-Extinguishing
Hardness (Shore "00")	ASTM D2240	50

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 based on a sample size of three to five and performed within 2 weeks of manufacture.

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