

Aluma-Seal Foam Technical Data Sheet



DESCRIPTION

Foam Seal Aluma-Seal is an industrial medium density PVC foam product cast on an aluminum liner. The foam adheres to the aluminum to achieve a material that will conform to irregular surfaces with a protective aluminum barrier.

APPLICATIONS

Foam Seal Aluma-Seal is used as an insulator and prevents condensation build-up on surfaces to which it is applied. Aluma-Seal reduces vibration and deadens sound in HVAC applications. Aluma-Seal remains pliable at temperatures of -20°C to 78°C.

STORAGE

Product shelf life begins on the date of production as referenced by the lot number. Foam Seal Aluma-Seal 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)	1/8" to <3/16" 3/16" to 3/4"	+/- 15% +/- 10%
Width (Rolls)	3/16" to <2" wide 2" to 50" wide	+/- 1/32" +/- 1/16"
Length	≤ 50' long > 50' long	0" to +6" - 1% to +2%
Density (lbs/cu ft)		9.0 – 13.0
Adhesion	Stainless steel	12 oz / in min Typical value: >30 oz/in

* 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
Aluminum Liner		1.5 mils
Hardness (Shore "00")	ASTM D2240	35
Force to Compress @ 25%	ASTM D1667	6.5 psi
Compression Deflection	ASTM D1667	3.5 psi
Water Absorption	ASTM D1056	3%
Flammability (Rate – mm/min.)	MVSS 302	Self-Extinguishing

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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Document Name: TDS – Aluma-Seal Foam v1.4

Effective: 03/22/2019