

# Aluma-Seal Foam Technical Data Sheet



## DESCRIPTION

Foam Seal Aluma-Seal is an industrial, medium density, closed cell 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	20 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	25
Force to Compress @ 25%	ASTM D1667	1.8 psi
Compression Deflection	ASTM D1667	1.0 psi
Water Absorption	ASTM D1056	6%
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.