



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 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	Test Method	Size Range / Condition	Specification
Gage (Thickness)		1/8" - < 3/16" 3/16" - 3/4"	+ - 15 % + - 10 %
Width (Rolls)		3/16" - < 2" wide 2" - 50" wide	+ - 1/32" + - 1/16"
Length		=< 50' long > 50' long	- 0" + 6" - 1 % + 2 %
Density (lbs/cu ft)	ASTM D-1667		9.0 – 13.0
Adhesion	ASTM D-1000	Stainless steel	12 oz / in min

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.

Information for Reference Only

Parameter	Test Method	Size Range / Condition	Typical Values
Aluminum Liner			1.5 mils
Hardness "00"	ASTM D-2240		35
Force to Compress @ 25 %	ASTM D-1667		6.5 psi
Compression/ Deflection	ASTM D-1667		3.5 psi
Water Absorption	ASTM D-1056		3 %
Flammability	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