

Aluma-Seal 723 Foam Technical Data Sheet



DESCRIPTION

Aluma-Seal 723 Foam is UL 723 classified, closed cell product cast 52" wide on a 54" aluminum liner. The foam adheres to the aluminum to achieve a material that will conform to irregular surfaces with a protective aluminum barrier. Product is UL listed from 1/16" to 1/4" in thickness with an acrylic PSA.

APPLICATIONS

Aluma-Seal 723 Foam is used as an insulator for HVAC plenums, pipes, and pans to prevent condensation build-up on surfaces to which it is applied. Aluma-Seal 723 Foam reduces vibration, deadens sound, and seals ductwork, holes, and seams in HVAC applications.

STORAGE

Product shelf life begins on the date of production as referenced by the lot number. Foam Seal Aluma-Seal 723 has a minimum shelf life of 6 months 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 1/4"	+/- 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)		6.0 – 9.0
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 – 2.0 mils
Hardness (Shore "00")	ASTM D2240	30 (with aluminum liner)
Force to Compress psi @ 25%	ASTM D1667	1.6 (without aluminum liner)
Compression Deflection 25% after 60 sec	ASTM D1667	1.0 (without aluminum liner)
Service Temperature		-40°C to 78°C

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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Parameter	Flame Spread	Smoke Index
PVC Foam Core	20	100
Foil Faced Foam (slit)	15	45

