

# Aluma-Seal 94 Foam

## Technical Data Sheet



Authorized Distributor,  
Converter, and Fabricator  
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### DESCRIPTION

Foam Seal Aluma-Seal 94 is a low density industrial PVC foam cast on an aluminum liner. The foam is formulated to conform to UL HF-1/HBF\* and is a recognized component of Underwriters Laboratories®.

### APPLICATIONS

Foam Seal Aluma-Seal 94 is used for applications requiring (UL 94 HF-1/HBF) conformance but does not automatically transfer UL ratings to the customer's product. Aluma-Seal 94 remains pliable from 20°C to 78°C.

Foam Seal Aluma-Seal 94 is used for appliances, pipes, and pans to prevent condensation build-up on surfaces to which it is applied.

### STORAGE

Product shelf life begins on the date of production as referenced by the lot number. Foam Seal Topper-Seal has a 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.

\*UL 94 HF-1/HBF Rating is gauge dependent.

### PRODUCT SPECIFICATIONS\*\*

Parameter	Condition	Specification
Gauge (Thickness)	1/16" to <1/8"	+/- 20%
	1/8" to <3/16"	+/- 15%
	3/16" to 1/2"	+/- 10%
Width (Rolls)	3/16" to <2" wide	+/- 1/32"
	2" to 52" wide	+/- 1/16"
Length	≤ 50' long	0" to 6"
	> 50' long	- 1% to + 2%
Density (lbs/cu ft)	1/16" to 1/2"	6.2 - 10.0
Adhesion	Stainless steel	12 oz / 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
Hardness (Shore "00")	ASTM D2240	28
Force to Compress @ 25 %	ASTM D1667	4.5 psi
Compression Deflection	ASTM D1667	2.0 psi
Water Absorption	ASTM D1056	5 %
Tensile Strength (psi) (Die A)	ASTM D412	20
Elongation (%) With Adhesive	ASTM D412	120%
Elongation (%) Without Adhesive	ASTM D412	140%
UL File Number	94 HF-1/HBF	E 112126 (QMFZ2)

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.