



When You Want the Seal to Last®

70P UL Foam Technical Data Sheet

Description

Foam Seal 70P UL is a low density industrial PVC foam formulated to conform to UL HF-1/HBF* and is a recognized component of Underwriters Laboratories.®

Applications

Foam Seal 70P UL is used for applications requiring (UL 94 HF-1/HBF) conformance but does not automatically transfer UL ratings to the customer's product. 70P UL remains pliable from -20°C to 78°C.

Back Stripping

Also known as reverse wrapping. Foam Seal manufactures the foam with the adhesive side exposed. The length is determined with the foam used in this manner. When the use requires the adhesive side to be against the paper, the product has to be reverse wrapped so the uncoated foam is exposed. This causes a loss of yield in length. The reason for this loss is that the configuration of the foam is changed because the foam is compressed onto a shorter length of liner. The loss will be equal to the outer circumference of the material minus 10 inches.

Storage

Product shelf life begins on the date of production as referenced by the lot number. Foam Seal 70P UL has a shelf life of 6 months with adhesive and 2 years without adhesive when stored at or below 75°F.

Product Specifications*

Parameter	Test Method	Size Range / Condition	Specification
Gage (Thickness)		1/16" - < 1/8" 1/8" - < 3/16" 3/16" - 1/2"	+ - 20 % + - 15 % + - 10 %
Width (Rolls)		3/16" - < 2" wide 2" - 52" wide	+ - 1/32" + - 1/16"
Length		=< 50' long > 50' long	- 0" + 6" - 1 % + 2 %
Density (lbs/cu ft)	ASTM D-1667	1/16" - 1/2"	6.2 - 10.0
Adhesion	ASTM D-1000	Stainless steel	12 oz / in min

*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.

Information for Reference Only*

Parameter	Test Method	Size Range / Condition	Typical Values
Hardness "00"	ASTM D-2240		28
Force to Compress @ 25 %	ASTM D-1667		4.5 psi
Compression/ Deflection	ASTM D-1667		2.0 psi
Water Absorption	ASTM D-1056		5 %
Tensile (psi)	ASTM D-412	DIE A	20
Elongation (%)	ASTM D-412	With adhesive Without adhesive	120 % 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

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

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