



When You Want the Seal to Last®

60-A PVC Foam Technical Data Sheet

Description

Foam Seal 60A is an automotive grade PVC foam formulated to conform to the multiple automotive material specifications including:

-GMW 15473 (supersedes GM6086)

Type II, Class II (both interior and exterior* applications)

-GMW 17408 Type II, Class II

(both interior and external applications)

-Ford ESB-M3G102-A

-Chrysler MSAY-500 Type III

Applications

Foam Seal 60A is designed as a soft foam for applications with a low force to compress and for filling large voids and variable gaps. 60A remains pliable at temperatures of -30°C to 78°C.

Back Stripping

Back stripping, also known as reverse wrapping, may create perceived problems particularly when die-cutting. For additional information regarding these issues please refer to the Foam Seal web site: Backstripping.pdf

Storage

Product shelf life begins on the date of production as referenced by the lot number. Foam Seal 60A 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.

* Exterior applications not exposed to direct UV sunlight

Product Specifications

Parameter	Condition	Specification	Typical Value
Gage (Thickness)	1/16" - < 1/8" 1/8" - < 3/16" 3/16" - 3/4"	+ - 20 % + - 15 % + - 10 %	Project Specific
Width (Rolls)	3/16" - < 2" wide 2" - 52" wide	+ - 1/32" + - 1/16"	Project Specific
Length	=< 50' long > 50' long	- 0" + 6" - 1 % + 2 %	Project Specific
Density (lbs/cu ft)		4.8 - 7.2	5.8

Typical Properties

Parameter	GMW15473 Type II	ESB-M3G102-A	MSAY500 Type III
Force to Compress	N/A	14.6 kpa	31.7 kpa
Compression Deflection	12.2 kpa	4.9 kpa	N/A
Water Absorption	4.50%	N/A	5%
Tensile Strength	190 kpa	4.5 lb/in width	190 kpa
Elongation	340%	320%	340%
Aged Tensile Strength	N/A	N/A	200 kpa
Aged Elongation	N/A	N/A	300%
Tear Resistance	N/A	1.01 kN/m	N/A
Compatibility with Solvents (Naphtha)	Pass	N/A	N/A
Cycle Test (Interior)			
Linear Shrinkage	0.73	N/A	N/A
Corrosion	Pass	N/A	N/A
Adhesion Retention	Pass	N/A	N/A
Conical Mandrel Bend Test	Pass	Pass	Pass
Adhesion Requirements			
Stainless Steel	Foam Failure	58 oz/in	Foam Failure
Special Substrate	N/A	58 oz/in	N/A
Environmental Cycle	N/A	Pass	Pass
Flammability (Rate - mm/min.)	SENBR	N/A	Self-extinguishing
Odor	8	N/A	Pass
Fogging	2	N/A	N/A
Water Permeability			
As Received Sealability	Pass	Pass	N/A
Aged Sealability	Pass	Pass	N/A
Hardness	N/A	14	N/A
Compression Set	N/A	72.9%	25%
Dimensional Stability	N/A	3.0%	2.0%
Liner Release	N/A	0.85 oz/in	N/A
Unwind Pull	N/A	2.8 oz/in	N/A

Foam without adhesive or liner unless noted. Testing to these specifications may be dependent on the specific application. Some specifications are subject to change without notice.



☎ 618-282-7700

✉ sales@seconrubber.com

🌐 www.seconrubber.com

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