

# 60-A PVC Foam

## Technical Data Sheet



### DESCRIPTION

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

- GMW 15473 Type II, Class II (both interior and exterior\* applications) (supersedes GM6086)
- 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.

### 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

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.

\* Exterior applications not exposed to direct UV sunlight.

### PRODUCT SPECIFICATIONS

Parameter	Condition	Specification	Typical Value
Gauge (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\*

	GMW15473 Type II	GMW17408 Type II	ESB-M3G102-A	MSAY500 Type III
Force to Compress	n/a	n/a	14.6 kpa	31.7 kpa
Compression Deflection	12.2 kpa	12.2 kpa	4.9 kpa	n/a
Water Absorption	4.50%	4.50%	n/a	5%
Tensile Strength	190 kpa	190 kpa	4.5 lb/in	190 kpa
Elongation	340%	340%	320%	340%
Aged Tensile Strength	n/a	n/a	n/a	200 kpa
Aged Elongation	n/a	n/a	n/a	300%
Tear Resistance	n/a	n/a	1.01kN/m	n/a
Compatibility w/Solvents (Naptha)	Pass	Pass	n/a	n/a
Cycle Test (Interior)				
Linear Shrinkage	0.73	0.73	n/a	n/a
Corrosion	Pass	Pass	n/a	n/a
Adhesion Retention	Pass	Pass	n/a	n/a
Conical Mandrel Bend Test	Pass	Pass	Pass	Pass
Adhesion Requirements				
Stainless Steel	Foam Failure	Foam Failure	58 oz/in	Foam Failure
Special Substrate	n/a	n/a	58 oz/in	n/a
Environmental Cycle	n/a	n/a	Pass	Pass
Flammability (Rate – mm/min.)	SENBR	SE	n/a	Self-extinguishing
Odor	8	8	n/a	Pass
Fogging	2	2	n/a	n/a
Water Permeability				
As Received Sealability	Pass	Pass	Pass	n/a
Aged Sealability	Pass	Pass	Pass	
Hardness	n/a	n/a	14	n/a
Compression Set	n/a	23.0%	72.9%	25%
Dimensional Stability	n/a	n/a	3.0%	2.0%
Linear Release	n/a	n/a	0.85 oz/in	n/a
Unwind Pull	n/a	n/a	2.8oz/in	n/a
Aged Resistance	n/a	9.0%	n/a	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.

