



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"<br>1/8" - < 3/16"<br>3/16" - 3/4" | + - 20 %<br>+ - 15 %<br>+ - 10 % | Project Specific |
| Width (Rolls)       | 3/16" - < 2" wide<br>2" - 52" wide               | + - 1/32"<br>+ - 1/16"           | Project Specific |
| Length              | =< 50' long<br>> 50' long                        | - 0" + 6"<br>- 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.