

## PS099A-PVC Single Sided Foam Tape

### Technical Data Sheet

#### DESCRIPTION

Foam Seal PS099A 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

#### PRODUCT SPECIFICATIONS

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

#### APPLICATIONS

Foam Seal PS099A 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 PS099A has a shelf life of 6 months with adhesive and 2 years without adhesive when stored at or below 75°F.

#### ADDITIONAL INFORMATION

Premier Tapes d 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.

#### Appliances

PVC Foam closed cell structure provides an economical solution for sealing against moisture, drafts, dust while absorbing sounds and cushioning vibrations.

#### Automotive

Durable PVC products cushion against shock and vibration and insulate against temperature and sound. The closed-cell structure seals out light, air, dust and moisture.

#### TYPICAL PROPERTIES\*

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 (Naphtha)	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	n/a
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.

The information supplied is accurate to the best of Premier Tape's knowledge and is based upon all current available data. Properties quoted are typical and do not therefore constitute a specification. Customers must complete their own assessment of the product for its intended application under their own conditions. Any liability arising in respect of our products will be strictly limited to the value of those products charged to the customer and shall not extend to any consequential loss whatsoever and however arising. This document does not form any part of any contract with a customer.