

1651 East Sutter Road  
Glenshaw, PA 15116-009  
Phone: 412-486-4400  
Fax: 412-486-6884

### #10-9A Low Modulus (Semi-Soft) Urethane Foam

#### Description:

Open cell, energy absorbing, micro cellular urethane foam. Chemical and abrasion resistant, low compression set (collapse resistant). Used for shock isolation, cushioning, vibration mounts, and anti-rattle pads. Thickness Range: 1.2 mm (0.063") to 12.7 mm (0.500")

#### Typical Properties:

		Test Method
Density	20 lb/ft <sup>3</sup> (320 Kg/m <sup>3</sup> )	ASTM D-3574 Test A
Flammability	Pass	FM VSS 302
Fogging	Pass	SAE-J 1756
Hardness, Durometer	17	Shore "0"
Tear Strength	5 (0.9 kN/m)	ASTM D-624 Die C
Elongation	100% min.	ASTM D-3574 Test E
Tensile Strength	75 psi (518 kPa)	ASTM D-3574 Test E
Temperature Range	-40° – 200°F	
Embrittlement	-40°F (-40°C)	ASTM D-570
Water Absorption	2 (% weight gain, typical)	AMS 3568
Immersion Testing	10 (% weight gain, typical)	ASTM D-570
Compression Set, % max.	2	ASTM D-3574 Test D @ 73°F (23°C)
	10	ASTM D-3574 Test D @ 158°F (70°C)
	5	ASTM D-3574 Test J/D5

#### Engineering Standards:

GM: 6098M Type I  
Ford: WSSM2D4961 - A5  
Chrysler: MSAY549-1

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