SULFUR FREE · CALIFORNIA PROPOSITION 65 COMPLIANT · LOW VOC · UV RESISTANT · MADE IN THE USA CLEVELAND, OHIO

Scan for more info

AUTOMOTIVE FOAM

Characteristics [1]	60-A GMW17408	60-A ESB-M3G102-A	60-A MSAY500
Density (lbs/cu. Ft)	to be reported	5.75 - 7.75	3.56 - 7.18
Shore Hardness "00" *(ASTM D2240)*	to be reported	12	not required
Force to Compress *(ASTM D1667)*	not required	1.81 psi	not required
Compression Deflection *(ASTM D1667)*	1.3 psi (9.4 kPa)	.59 psi (4.07 kPa)	3.0 psi (20.69 kPa)
Water Absorption *(ASTM D1056)*	9.4%	not required	30% per Stellantis test method
Tensile Strength [Die A] *(ASTM D412)*	31 psi (214 kPa)	31 psi (214 kPa)	214 kPa (minimum 170 kPa)
Elongation *(ASTM D412)*	288%	288%	288% (minimum 120%)
Operating Temperature Range	-40°F to 172°F -40°C to 78°C	-40°F to 172°F -40°C to 78°C	-40°F to 172°F -40°C to 78°C
Flammability [2] *(FMVSS 302)*	Self Extinguishing	not required	Self Extinguishing
Automotive Manufacturer Specifications	GMW17408 Class II, Type II Class III A-E, Type II	ESB-M3G102-A	MSAY500 Type VII

INDUSTRIAL FOAM

Characteristics [1]	Low Density	Medium Density [3]	High Density
Density (lbs/cu. Ft)	5.5 - 10	9 - 13	13 - 17
Shore Hardness "00" *(ASTM D2240)*	25	34	44
Force to Compress *(ASTM D1667)*	1.8 psi (12.4 kPa)	3 - 9.4 psi (21 - 64.7 kPa)	4.5 psi (31 kPa)
Compression Deflection *(ASTM D1667)*	1.0 psi (6.9 kPa)	1.7 psi (11.5 kPa)	3.5 psi (24.1 kPa)
Water Absorption *(ASTM D1056)*	6%	2.6%	1.9%
Tensile Strength [Die A] *(ASTM D412)*	25 psi (172.4 kPa)	42 psi (289.6 kPa)	70 psi (482.6 kPa)
Elongation *(ASTM D412)*	150%	235%	186.5%
Operating Temperature Range	-40°F to 172°F -40°C to 78°C	-40°F to 172°F -40°C to 78°C	-40°F to 172°F -40°C to 78°C
Flammability [2] *(FMVSS 302)*	Self Extinguishing	Self Extinguishing	Self Extinguishing

[1] Typical values. Not to be interpreted as specification. These material properties are dependent on the specific test method and testing parameters. Test methods and conditions are subject to change without notification. Foam is tested without adhesive unless noted. [2] Please refer to the Technical Data Sheet for specifications. [3] When sandwiched between two laminate substrates, Foam Seal Medium Density Foam offers "swirl free" performance, resisting twisting and movement. [4] Mylar available in low, medium, and high density.

SPECIALTY FOAM

Characteristics [1]	Aluma-Seal	Aluma-Seal UL723	70P UL	Mylar [4] Low Density	Glass Pad
Density (lbs/cu. Ft)	9 -13	6 - 9	6.2 - 10	5.5 - 10	7 - 15
Shore Hardness "00" *(ASTM D2240)*	34	30	26	25	30
Force to Compress *(ASTM D1667)*	2.9 psi (20 kPa)	1.6 psi (11 kPa)	1.5 psi (10.3 kPa)	1.8 psi (12.4 kPa)	3 psi (20.7 kPa)
Compression Deflection [25%] *(ASTM D1667)*	1.7 psi (11.7 kPa)	1 psi (6.9 kPa)	.5 psi (3.5 kPa)	1.0 psi (6.9 kPa)	1.5 psi (10.3 kPa)
Water Absorption *(ASTM D1056)*	50%	n/a	8%	6%	8%
Tensile Strength [Die A] *(ASTM D412)*	n/a	n/a	20 psi (137.9 kPa)	25 psi (172.4 kPa)	20 psi (137.9 kPa)
Elongation *(ASTM D412)*	n/a	n/a	150%	150%	127.8%
Operating Temperature Range	-40°F to 172°F -40°C to 78°C	-40°F to 172°F -40°C to 78°C	-40°F to 172°F -40°C to 78°C	-40°F to 180°F -40°C to 82°C	-40°F to 172°F -40°C to 78°C
Flammability [2]	Self Extinguishing	UL 723	UL 94HF-1/HBF	Self Extinguishing	Self Extinguishing

HIGH TEMPERATURE FOAM

Characteristics [1]	70HT UL
Density (lbs/cu. Ft)	6 - 8
Shore Hardness "00" *(ASTM D2240)*	25
Force to Compress *(ASTM D1667)*	1.52 psi (10.48 kPa)
Compression Deflection *(ASTM D1667)*	.74 psi (5.1 kPa)
Water Absorption *(ASTM D1056)*	38%
Tensile Strength (Die A) *(ASTM D412)*	21 psi (144.8 kPa)
Elongation *(ASTM D412)*	210%
Operating Temperature Range	-40°F to 230°F -40°C to 110°C
Flammability [2]	UL 94 HF-1 1/16" to 0.207" UL 94 HBF up to 1/2"

Most of our foams are California Prop65 compliant without additional labeling. Consult your sales rep for details.

FOAMSEAL® Division of Novagard
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ISO 9001:2015 (QMS with Design) | IATF 16949:2016 (QMS with Design) | Certified WBE

Effective Date: Jun 2025 - v 9.8

FOAMSEAL® Division of Novagard

AMERICAN MADE. AMERICAN STRONG.

FOAMSEAL®
Division of Novagard

The world breathes easier with Foam Seal.

Sulfur Free | Low VOC | Certified Prop 65 Compliant

DESIGNED & MANUFACTURED IN CLEVELAND, OH

FOAMSEAL®

- Absorbs and cushions against shock and vibration
- Closed-cell structure seals out light, air, dust, and moisture
- Resistant to most solvents/chemicals
- Service temperatures of -40°F to 230°F (-40°C to 110°C)
- Compliant to multiple domestic automotive specs
- Self extinguishing (meets FMVSS 302)
- Available with or without adhesive
- Casting substrates: paper, polyester/mylar, and aluminum
- Custom colors available, minimums apply

SULFUR FREE

CALIFORNIA PROPOSITION 65 COMPLIANT

LOW VOC

UV RESISTANT

AUTOMOTIVE

Engineered for durability and sustainability.

60-A

A soft, low density foam requiring minimal compression so it fills voids and gaps easily.

General Motors: GMW17408 Class II Type II
GMW17408 Class III A through E Type II
Ford: ESB-M3G102-A
Stellantis: MSAY500 Type VII

Thickness: 1/16" to 3/4"
(.16 cm to 1.91 cm)

Color: Black

INDUSTRIAL

Foam Seal industrial PVC products are a cost-effective solution for general industrial sealing. These closed-cell, polyvinyl chloride foams are available with or without an adhesive.

Low Density

General purpose foam used when seals need to conform to tight radius curves.

Thickness: 1/16" - 1"
(.16 cm - 2.5 cm)

Colors: Black, Gray

Medium Density

Combines durability and flexibility with strength in a swirl-free foam.

Thickness: 1/16" - 1/2"
(.16 cm - 1.3 cm)

Colors: Black, Gray

High Density

Provides dimensional stability and cushions heavier loads.

Thickness: 1/16" - 5/16"
(.16 cm - .79 cm)

Colors: Black, Gray

SPECIALTY

Foam Seal offers specialty closed-cell foams cast on a variety of substrates designed for specific applications. Our R&D chemists can work with you to customize a PVC foam to your requirements.

Aluma-Seal

Thermal insulator that prevents condensation. Low and medium densities. Reduces vibration and deadens sound. Pliable at temperatures of -40°F to 172°F (-40°C to 78°C).

Thickness: 1/8" - 1/4"
(.32 cm - .64 cm)

Color: Gray

Aluma-Seal UL 723

Insulator for HVAC plenums, pipes, and pans to prevent condensation build-up on surfaces. Pliable at temperatures of -40°F to 172°F (-40°C to 78°C).

ANSI/UL 723 certified
Yellow Card #R20969

Thickness: 1/8" - 1/4"
(.32 cm - .64 cm)

Color: Gray

70P UL

Low density industrial PVC foam. ANSI/UL 94 approved component in electrical applications. Note: UL 94 HF-1/HBF is gauge dependent.

Yellow Card #E112126

Thickness: 1/16" - 3/4"
(.16 cm - 1.9 cm)

Colors: Black, Gray

Mylar

Effective in a variety of non-critical sealing applications. Mylar casting substrate provides dimensional stability. Available in a low, medium, and high density. Self-wound on PET.

Thickness:
Based on foam type

Colors: Black, Gray

Glass Pad

Clings to glass and other non-porous surfaces without adhesive. Available with pressure sensitive adhesive for lamination to cork or other substrates.

Thickness: 1/16" - 3/16"
(.16 cm - .48 cm)

Colors: Black, Natural

HIGH TEMPERATURE

Foam Seal's polymeric foam offers peak performance in extreme environments and outperforms more expensive alternatives. HT polymeric foam is used in applications such as automotive, manufacturing, general industrial, HVAC, electrical panels, and kiosks.

70HT UL
-40°F to 230°F
(-40°C to 110°C)

Low density high temperature PVC foam.
UL 94 approved component in electrical applications.

Thickness: 1/16" - 1/2"
(.16 cm - 1.3 cm)

Color: Black

UL 94 HF-1 1/16" - 0.207"
UL 94 HBF up to 1/2"
Yellow Card #E112126

PERFORMANCE SILICONES

Our line of silicone adhesives, sealants, coatings, and greases is designed to meet the rigorous demands of the modern manufacturing environment. Whether you're sealing components in HVAC systems, bonding dissimilar materials in an automotive assembly, or protecting sensitive electronics, Novagard provides the durability and reliability you need to keep operations running smoothly.

Manufactured in our plant in Cleveland, OH, Novagard industrial sealants are engineered for strength, flexibility, and long-term performance. Many of our products are one-component, moisture cure systems that allow for simple, fast application. These high performance materials are used for gasketing, chemical fastening, coating, adhering & sealing, potting & encapsulating, and lubricating. Formulated to withstand harsh environments, our products are low odor, solvent free, with no harmful VOC emissions or outgassing.