

FOAMSEAL

Closed Cell High Temperature Polymeric Foam

Foam Seal Closed Cell - High Temperature - Polymeric Foams from Novagard are sulphur free and are a strong and durable, yet economical, solution for automotive manufacturing as well as general industrial and HVAC applications.

These High Temperature Foams are a significant improvement over traditional products, outperforming more expensive alternatives, giving design engineers all the performance they need while simultaneously managing costs.

Our High Temperature Foams compete favorably with other high-performance foam products such as EPDM, Nitrile, SBR Blends, and EPT.



60-HTA High Temperature Polymeric Foam: Designed as a soft foam for applications requiring a low force to compress, and for filling large voids and variable gaps.

100-HTA High Temperature Polymeric Foam: Designed for applications requiring both flexibility and strength. 100-HTA balances compressibility with increased strength and wear resistance, and is "swirl free".

150-HTA High Temperature Polymeric Foam: Designed for applications requiring a cushion against heavy loads. 150-HTA withstands wear and abrasion in tough-duty applications.

HT70-UL HF1 Polymeric Foam: Foam Seal HT70-UL is a high temperature, low density, industrial foam formulated to conform to UL HF-1 and is a recognized component of Underwriters Laboratories

	60-HTA High Temp	100-HTA High Temp	150-HTA High Temp	HT70-UL HF-1
Temperature Range	-30°F to 230°F	-30°F to 239°F	-30°F to 257°F	-30°F to 230°F
Density (lbs/cu. Ft) ASTM D1667	5.0 - 7.2	8.1 - 12.4	12.4 - 17.4	6.2 - 10
Shore Hardness "00" ASTM D2240	20	35	50	25
Compression Deflection (50%) ASTM D1667	1.39 psi (9.56 kPa)	3.32 psi (22.89 kPa)	7.27 psi (50.15 kPa)	1.8 psi (12.4 kPa)
Water Absorption ASTM D1056	3%	3%	1.5%	2.5%
Tensile Strength ASTM D412	29 psi (200 kPa)	43.80 psi (302 kPa)	49.17 psi (339 kPa)	21 psi (145 kPa)
Elongation (%) ASTM D412	289%	283%	274%	170%
ASTM D1056 Classification	2B0	2B1	2B2	2B0
Flammability	GMW 3232 - Pass FMVSS 302 - Pass	GMW 3232 - Pass FMVSS 302 - Pass	GMW 3232 - Pass FMVSS 302 - Pass	UL94 HF-1 E112126 (QMFZ2)
General Motors Specification	GMW17408 Class II, Type II GMW17408 Class IV, Type II	GMW17408 Class II, Type III GMW17408 Class IV, Type III	GMW17408 Class I, Type IV	

*The values outlined reflect testing that was conducted under laboratory conditions, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional info.



100% Sulphur Free

Low VOC

More Cost Effective than EPDM, Neoprene, or PVN

100% Closed Cell

Prop 65 Compliant

Industries: Automotive, Industrial, Electrical, EV/Battery, HVAC, Transportation, Construction

- Cushions against shock, vibration, and sound
- Closed cell structures seal out light, air, dust, and moisture
- Resistant to most solvents and chemicals
- Service temperatures of -30°F to +257°F
- Foam available to meet OEM automotive specifications
- All Foam Seal foam is intrinsically fire resistant (Meets MVSS 302)
- HT70-UL - Flame retardant
- Available with or without adhesive
- Cast on paper substrate



FOAMSEAL
Strong. Durable. Economical.

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ISO 9001:2015 QMS (with Design) | IATF 16949:2016 QMS (with Design)
Certified Women's Business Enterprise | Certified Woman Owned Small Business

Effective Date: Sep 2021-v3.0

Made in USA

Check out our other great products, including silicone and hybrid industrial adhesives/sealants
novagard.com