

**Sulphur Free**  
**Simpler & Cheaper**  
**than EPDM**  
**UL HF-1 Rating**

**Industries: Automotive, Industrial  
 HVAC, Transportation, Construction**

- Cushions against shock and vibration
- Closed cell structures seal out light, air, dust, and moisture
- PVC foam is resistant to most solvents and chemicals
- Service temperatures of -30°F to +257°F
- Foam available to meet OEM automotive specifications
- All Foam Seal PVC foam is intrinsically fire resistant (Meets MVSS 302)
- Available with or without adhesive
- Casting substrates include paper, polyester, aluminum



**FOAMSEAL**  
 Strong. Durable. Economical.

5109 Hamilton Avenue  
 Cleveland, OH 44114 USA  
 (216) 881-8111 | (800) 380-0138  
 (216) 881-6977 fax  
 novagard.com | foam-seal.com

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

Effective Date: Nov 2019 - v2.0

# FOAMSEAL

## Closed Cell High Temperature PVC Foam

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

These High Temperature PVC Foams are a significant improvement over traditional PVC products. These foams outperform 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, ECH, EPT, and high density urethane.



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

**HT70-UL HF1 PVC Foam:** Foam Seal HT70-UL is a high temperature, low density, industrial PVC 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)	7	10	15	7
Shore Hardness*00"	20	35	50	25
Compression Deflection (50%)	1.4 psi (10.6 kPa)	3.3 psi (23 kPa)	7.3 psi (50 kPa)	1.8 psi (12.4 kPa)
Water Absorption	3%	3%	1.5%	2.5%
Tensile Strength	29 psi (200 kPa)	44 psi (302 kPa)	49 psi (339 kPa)	21 psi (145 kPa)
Elongation (%)	289%	283%	274%	170%
Flammability	GMW 3232 - Pass	GMW 3232 - Pass	GMW 3232 - Pass	UL94 HF-1
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 II, Type IV GMW17408* Class IV, Type IV	

\*Limited Approval pending: Emissions report, Water impermeability confirmation, IMDS corrections and TGA Curve.

**Made in USA**

Check out our other great products, including silicone and hybrid industrial adhesives/sealants  
[novagard.com](http://novagard.com)

