

NVH Foam – Technical Bulletin

This technical bulletin describes general capabilities of Renosol Corporation Noise, Vibration and Harshness (NVH) dampening foam. Results may differ if formulation is modified per customer requirements.

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NVH foam applications

This acoustic foam provides excellent sound absorption. Molded to any shape, NVH foam completely fills cavities to protect the passenger compartment from vehicle / road noise, and seals body cavities.

Under hood, around air and oil intake systems, valve train components, fuel injectors, seat belt retractors, cab back panels, gap sealing, interior trim, head- and tail- light gaskets,

Technical specifications

Parameters	Typical Properties
Density (pcf) 2 x 2 x 1" skinless sample	2.1
Compression strength (psi) ASTM D1621 @ ambient	15
Water absorption % ASTM C272, Method B	<20
Flammability ISO 3795 / SAE J369	PASS
Fogging ASTM D5308-92	PASS
Dimensional stability (% change) 48 hrs @ 250 ± 4°F 7 days @ 215 ± 4°F 7 days @ 100 ± 2°F, 98-100%RH	<1 <1 <1
Cold slam resistance 250x250x25mm 2 – 1.7J impacts @ -30°C Ambient conditions Humidity 100% RH -30 °C + 2°C	PASS PASS PASS PASS
Aged weight loss (%) 7 days @ 215 + 4F	<1
Environment / heat tolerance	Up to 120°C (250°F)

All technical information and data in this bulletin are believed accurate and reliable; however, we do not guarantee results, freedom from patent infringement, or suitability of this product for any resultant application.