



Claremont Marine Coustifab products use a limp mass to attenuate airborne sound transmission. The silicone is loaded with barium sulfate using a proprietary process that results in consistent non-lead mass dispersion throughout the limp carrier layer.

Applications

- Transmission loss barrier for noise-sensitive shipboard areas
- Insulation pads for silencing noisy equipment such as generators, turbines, reduction gears, or pumps
- Lagging for piping and ducts

Features and Benefits

- Superior transmission-loss characteristics
- High degree of flame resistance
- Maintains properties between -67 °F and 482 °F (-55 °C and 250 °C)
- Oil and chemical resistant
- Can be cut, sewn, draped, grommeted, or lagged for easy installation.
- For added strength and flame resistance, a fiberglass carrier layer with high tear and tensile strength can be added to one or both sides.
- Can be used by itself or combined with other thermal and acoustic insulation products such as fiberglass hullboard or Low K-200 polyimide foam.
- Available in five densities (see table)
- Fiberglass cloth can be applied to one or both sides.

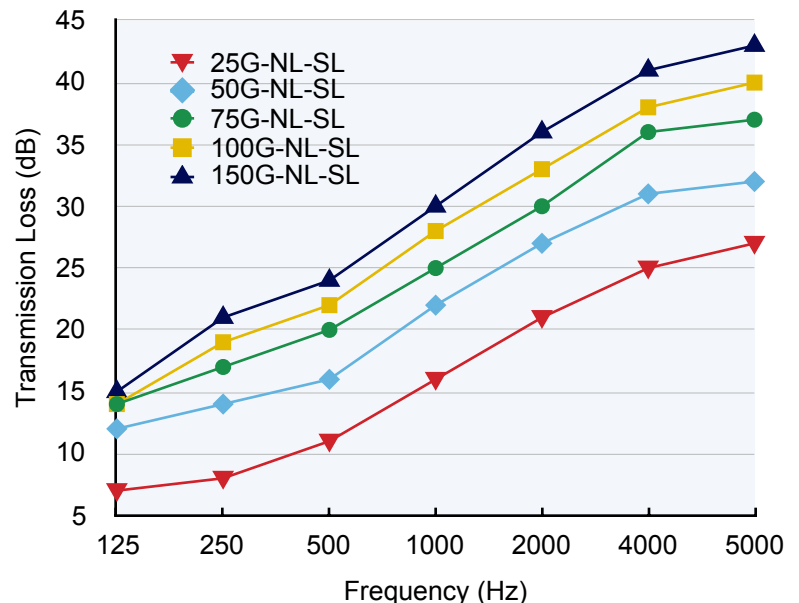
* The information included in this data sheet is subject to normal manufacturing and testing variances. It is supplied only as a technical service and is subject to change without notice. Rev. 3 - 05/01/2024

Coustifab G-NL-SL Physical Properties	
Flame Spread Index (ASTM E 162)	<5
Oxygen Index (ASTM D 2863)	50%
Toxic Gas Emissions (SMP800C)	Pass
Smoke Density (ASTM E 662)	Flaming: <25 Non-Flaming: <25
Standard Width	36 in. (91.44 cm)
Standard Roll Length	25 ft. (7.62 m)

Model	Density	Thickness	STC	Part Number*
25G-NL-SL	.25 lb/ft ² (1.22 kg/m ²)	0.025 in. (.64 mm)	16	001-00090OS 001-00090BS
50G-NL-SL	.50 lb/ft ² (2.44 kg/m ²)	0.050 in. (1.27 mm)	22	001-00100OS 001-00100BS
75G-NL-SL	.75 lb/ft ² (3.66 kg/m ²)	0.075 in. (1.91 mm)	25	001-00110OS 001-00110BS
100G-NL-SL	1.0 lb/ft ² (4.88 kg/m ²)	0.100 in. (2.54 mm)	27	001-00120OS 001-00120BS
150G-NL-SL	1.5 lb/ft ² (7.32 kg/m ²)	0.150 in. (3.81 mm)	29	001-00130OS 001-00130BS

*Note: OS is fiberglass cloth one side; BS is both sides

Transmission Loss Data (ASTM E 90)



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