



### Coustifab G-NL-SL Physical Properties

<b>Flame Spread Index (ASTM E 162)</b>	<5
<b>Oxygen Index (ASTM D 2863)</b>	50%
<b>Toxic Gas Emissions (SMP800C)</b>	Pass
<b>Smoke Density (ASTM E 662)</b>	Flaming: <25 Non-Flaming: <25
<b>Standard Width</b>	36 in. (91.44 cm)
<b>Standard Roll Lengths</b>	25 ft., 50 ft. (7.62 m, 15.24 m)

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

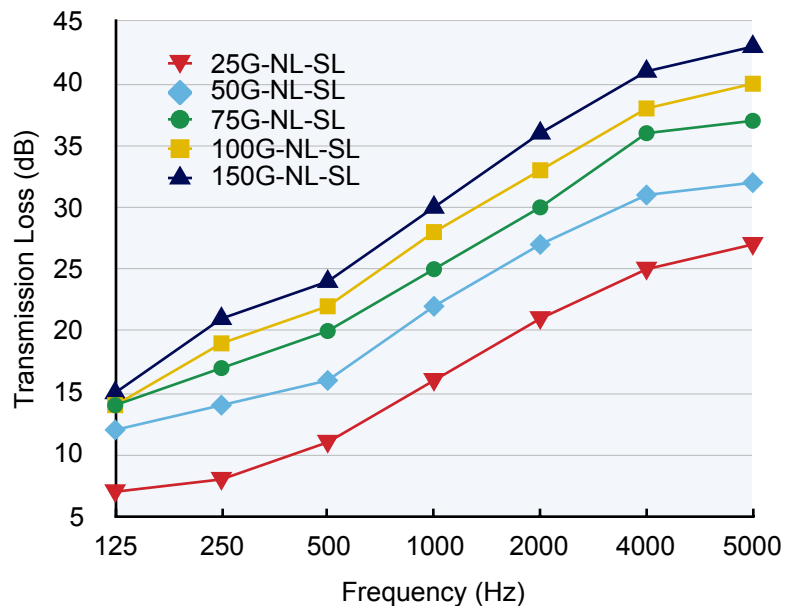
- Transmission loss barrier for noise sensitive shipboard areas
- Insulation pads for silencing noisy equipment such as generators, turbines, reduction gears, or pumps
- Lagging for piping and ducts

### 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, grommited, or lagged for easy installation.
- For added strength and flame resistance, 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.

Model	Density	Thickness	Sound Trans. Class (STC)
25G-NL-SL	.25 lb/ft <sup>2</sup> (1.22 kg/m <sup>2</sup> )	0.025 in. (.64 mm)	16
50G-NL-SL	.50 lb/ft <sup>2</sup> (2.44 kg/m <sup>2</sup> )	0.050 in. (1.27 mm)	22
75G-NL-SL	.75 lb/ft <sup>2</sup> (3.66 kg/m <sup>2</sup> )	0.075 in. (1.91 mm)	25
100G-NL-SL	1.0 lb/ft <sup>2</sup> (4.88 kg/m <sup>2</sup> )	0.100 in. (2.54 mm)	27
150G-NL-SL	1.5 lb/ft <sup>2</sup> (7.32 kg/m <sup>2</sup> )	0.150 in. (3.81 mm)	29

### Transmission Loss Data (ASTM E 90)



\* 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. 2 - 05/04/2022