Marine Coustifab G-NL
Barium Sulfate Loaded Vinyl

Claremont G-NL Coustifab is a vinyl film that is loaded with barium sulfate and applied to a 100% fiberglass carrier fabric. It utilizes a limp mass to attenuate airborne sound transmission.

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

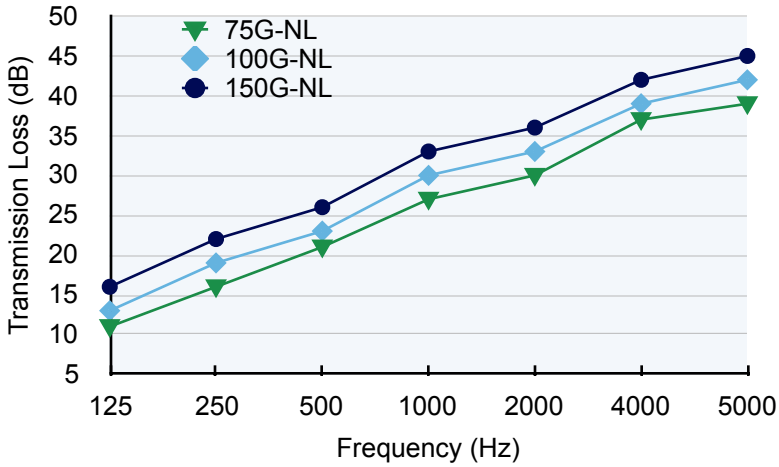
Features and Benefits
- Superior transmission-loss characteristics
- High degree of flame resistance
- Oil and chemical resistant
- Can be cut, sewn, draped, grommeted, or lagged for easy installation.
- For added strength and flame resistance, fiberglass carrier layer with high tear and tensile strength 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 three densities (see table)

Compliance Specifications:
- MIL-PRF-24699, Type I

Coustifab G-NL Physical Properties	
Flame Spread Index (ASTM E 162)	<30
Breaking Force (ASTM D 5035)	Warp: >400 lb/in. Weft: >300 lb/in.
Tear Strength (ASTM D 2261)	Warp: >50 lb/in. Weft: >40 lb/in.
Peel Strength (ASTM D 2724)	Warp: >4 lb/in. Weft: >2 lb/in.
Smoke Density (ASTM E 662)	75G-NL: <300 100G-NL: <350 150G-NL: <450
Operating Temperature	Continuous: -40 to 212 °F (-40 to 100 °C) Intermittent: -40 to 248 °F (-40 to 120 °C)

	75G-NL	100G-NL	150G-NL
Density	.75 lb/ft^2 (3.66 kg/m^2)	1.0 lb/ft^2 (4.88 kg/m^2)	1.5 lb/ft^2 (7.32 kg/m^2)
Thickness	0.05 in. (1.27 mm)	0.1 in. (2.54 mm)	0.16 in. (4.06 mm)
Sound Transm. Class (STC)	25	28	31
Standard Width	38 in. (96 cm)	38 in. (96 cm)	38 in. (96 cm)
Roll Length	30 ft. (9.14 m)	30 ft. (9.14 m)	20 ft. (6.1 m)
MIL-PRF-24699 Class	Type I, Class 1	Type I, Class 2	Type I, Class 3

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

The Claremont Corporation
35 Winsome Drive • P.O. Box 430 • Durham, CT 06422
860-349-4499 • 800-222-4448 • Fax: 860-349-7977
claremontcorporation.com