AUTOMOTIVE

DESCRIPTION

Dynaliner is an ultra-lightweight closed cell high-performance insulation. Dark gray in color, Dynaliner is available in 1/8", 1/4" and 1/2" thicknesses. Dynaliner is self-adhesive with a high-temperature acrylic adhesive. Dynaliner is optimized for temperatures from -30ºF to 200ºF (-34ºC to 94ºC) and meets both UL and FMVSS flame resistance.

ACOUSTIC AND THERMAL PROPERTIES

Dynaliner is the perfect ultra-lightweight insulator to use on top Dynamat. This durable, crush and tear resistant material has the highest heat blocking properties available in a single layer synthetic foam-type material. Dynaliner is not affected by oil and does not absorb water.

APPLICATION

Easy to install, Dynaliner provides acoustic isolation and excellent thermal insulation for roof, interior firewall, floor, quarter panels, doors and even under hood. Dynaliner can be used in place of carpet pad.

INSTALLATION

Cutting: Dynaliner can be cut to a desired size and shape with a pair of scissors or razor knife. Dynaliner is self-adhesive. Make sure area is free from dirt oil and debris. For best results, work evenly from one side to the other applying even pressure.

AVAILABLE SIZES

Dimensions: 32" x 54" (81cm x 137cm)
Coverage: 12.0 ft² (1.1m²)
Available 1/8", 1/4" and 1/2" (3mm, 6mm and 6mm) thickness

TYPICAL MATERIAL PROPERTIES*

Part#	11101	11102	11103
Material Thickness:	0.125 in.(3.18mm)	0.250 in.(6.35mm)	0.500 in.(12.70mm)
Weight:	0.042lb./ft² (0.21kg/m²)	0.084lb./ft² (0.41kg/m²)	0.168lb./ft² (0.82kg/m²)
Density:	4.0lb./ft³ (64.6kg/m³)	4.0lb./ft³ (64.6kg/m³)	4.0lb./ft³ (64.6kg/m³)
Adhesive Strength:	tba	tba	tba
Tensile Strength:	tba	tba	tba
Tear Strength:	tba	tba	tba
Temperature Range: (Maximum)	-30ºF to 200ºF (-34ºC to 93ºC)	-30ºF to 200ºF (-34ºC to 93ºC)	-30ºF to 200ºF (-34ºC to 93ºC)
Temperature Range: (Optimal)	-30ºF to 200ºF (-34ºC to 93ºC)	-30ºF to 200ºF (-34ºC to 93ºC)	-30ºF to 200ºF (-34ºC to 93ºC)
STC:	N/A	N/A	N/A
FMVSS302:	Meets	Meets	Meets
UL Rating:	UL 94 HF-1	UL 94 HF-1	UL 94 HBF
R Value:	0.42ºFft²hr/Btu (0.07Km²hr/W)	0.83ºFft²hr/Btu (0.15Km²hr/W)	1.7ºFft²hr/Btu (0.3Km²hr/W)

* Material properties have tolerances of ±10% unless otherwise noted
Parentheses denote metric measurements.

The data provided in the material summary are typical of average values based on testing conducted by Dynamic Control or independent laboratories. They are indicative only of the results obtained in such tests and should be used for reference only. Materials used in situations not recommended must be tested under actual service to determine their suitability for that purpose.

DYNAMIC CONTROL
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Part No. 2211