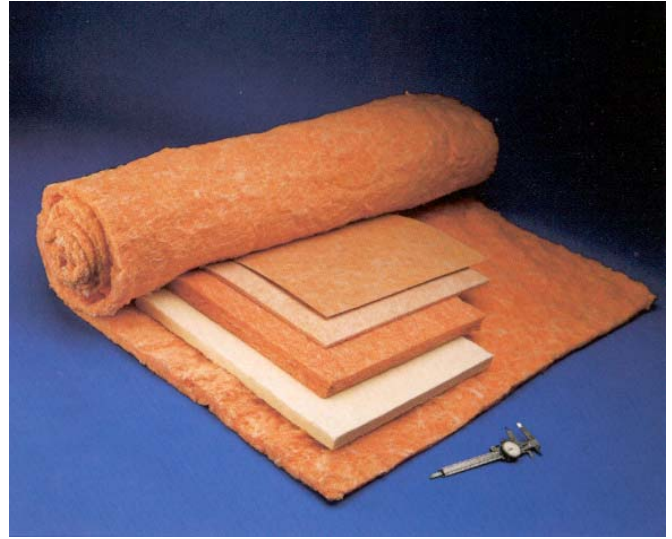


Thompsoglas®



Texas Instrument HARM Missile Blankets



Molded Slabs and Rolled Goods

Thompsoglas® TG-3000, TG-3000W and RG-15000

Thompsoglas® TG-3000, TG-3000W and TG-15000 are registered trade names for a variety of forms molded from JM Microlite AA bonded with a phenolic or silicone resin. They are available in flat slabs, cut parts, and complex molded shapes. Different covering materials may be applied to make the products more abrasion resistant. The end use requirements determine density, outgassing, and other properties.

General Properties

Insulation Type	Resin Binder	Temperature Range	Density Range	Fiber Diameter
TG-3000 "AA" Fiber Per HMS 20-15.5 B	Phenolic	-65°F to 450°F	0.6 PCF to 40.0 PFC	0.00004" to 0.00006"
TG-3000W "AA" Fiber Water Repellent Per HMS 20-15.13C	Phenolic	-65°F to 450°F	0.6 PCF to 40.0 PFC	0.00004" to 0.00006"
TG-15000 "AA" Fiber Per HMS 20-15.1 C	Silicone	-300°F to 700°F	0.6 PCF to 40.0 PFC	0.00004" to 0.00006"

Thompsoglas®

Typical Applications

- ◆ Thermal panels
- ◆ Aircraft cabin wall interiors
- ◆ Low temperature duct insulation

Standard Sheet Sizes

Maximum width and length

TG-3000	48" x 72"
TG-3000W	48" x 72"
TG-15000	48" x 72"

Specifications that can be met

- ◆ ASTM C-800 Type I
- ◆ DMS 1966, 2087, 2151
- ◆ GB100A
- ◆ GB100B
- ◆ GB100C
- ◆ ~~LAC C26-425~~
- ◆ ~~LAC C26-428~~
- ◆ ~~LAC C26-1184~~

Microlite® “AA” - Rolled Goods

- ◆ **BMS 8-48P**
 - 1/2" thick, 0.4 PCF, Amber Colored, Water Repellent
 - 1/2" thick, 0.6 PCF, Green Colored, Water Repellent
 - 1.0" thick, 0.6 PCF, Green Colored, Water Repellent
 - Roll Size: 72" x 100'
- ◆ **DMS 1967**
 - 1/2" thick, 0.6 PCF, Amber Colored, Water Repellent
 - 1.0" thick, 0.6 PCF, Green Colored, Water Repellent
 - Roll Size: 72" x 100'
- ◆ **DMS 2151**
 - 1.0" thick, 0.4 PCF, Amber Colored, Water Repellent
 - 1/2" thick, 0.4 PCF, Amber Colored, Water Repellent

HITCO CARBON COMPOSITES, INC. manufactures parts using the highest quality materials and tooling. HITCO CARBON COMPOSITES, INC. warrants its products to meet customer requirements per drawings or specifications. No additional warranty is given. The information, recommendations, and opinions set forth herein are offered solely for your consideration, inquiry and verification and are not, in part or total, to be construed as constituting a warranty or representation for which we assume legal responsibility. Nothing contained herein is to be interpreted as authorization to practice a patented invention without a license.



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