

Thermal Structures Inc.

MID-WEST DIVISION

2800 Airwest Blvd • Plainfield • Indiana 46168 USA • (317) 876-7213 • FAX (317) 876-0473
 ISO 9001:2008 Certified

FyreWrap Blanket



FyreWrap Blanket is a totally inorganic, flexible, high-temperature insulation blanket specifically designed to provide passive fire protection for a variety of applications. The calcia, magnesia, silica chemistry is designed to enhance bio solubility. FyreWrap blanket is chemically stable and its thermal properties are unaffected after exposure to water immersion or high humidity. FyreWrap blanket provides fire protection for up to 120 minutes and has been tested to an International Maritime Organization hydrocarbon test curve (H120).

Typical Product Properties

Melting Point	2300°F (1260°C)
Temperature Grade	2012°F (1100°C)
Loss On Ignition (LOI)	0%
Surface Burning Characteristics (per ASTM E84)	Flame Spread Rating = 0 Smoke Developed Rating = 0
Marine Certifications	USCG, Lloyd's, Intertek

Typical Product Parameters

Thickness	0.5", 1.0", 1.5", 2.0" and 2.5" (13mm, 25mm, 38mm and 55mm)
Density	6, 8 and 9 lb./cu.ft. (96, 128 and 144 kg/m ³) available upon request
Width	Standard: 24" (600mm) Non-standard: 48" (120mm)
Facings	Aluminum Foil .0015" (0.038mm)

These products offer solutions in applications such as:

- Cable Trays, Conduits
- Control System Covers
- Above Ground Storage Tanks
- Marine Bulkheads, Decks
- Structural Steel
- Construction Joints
- Curtain Walls/Safing
- Circuit Protection
- Grease, HVAC Ducts
- Railroad Tank Cars
- Transit Cars
- Ships
- Expansion Joints
- Fire Door Seals
- Chimney Liners
- Ceiling Air Diffusers
- Hazardous Material Storage Containers