

Material Data Sheet

Item: Transite HT Cement Fiberboard

Description: Transite HT is engineered to handle higher temperatures, leads and electrical conditions with less shrinkage and degradation compared to previous non-asbestos cement fiber boards. Although Transite HT is rated at 450 degrees F maximum continuous operating temperatures, it will accomodate 600 degrees F after an initial heat conditioning.

Transite is a high density, non-asbestos board used in a wide variety of applications where a combination of high strength, thermal stability, electrical insulation or machinability is required. Transite HT is pressed into monolithic boards from portland cement and selected non-asbestos, non-ceramic/refractory fibers.

Availability: **Laminate Sheets:** Thickness: 1/4" to 3.0"
Sheet Sizes: 48" x 96"

Convolute Tubing: Not available in tubing.

Fabricated Parts: The Gund Company custom fabricates insulation materials to the exact specifications and drawings of our customers.

Typical Properties:

Transite HT

Composition	Monolithic fiber cement
Width	48-5/8" Standard
Length	96-5/8" Standard
Density, pcf (Kg/m ³)	100 (1,602)
Maximum Operating Temperature	450 F° (232 C°)
Compressive Strength, PSI (mpa)	10,400 (72)
Brinell Hardness	17
Normal Moisture Content, %	<12
Water Absorption, %	21
Thermal Conductivity, Btu-in/ft ² , hr, °F @ 250 F	2.40
Fire Hazard (ASTM F84)	No Flame Spread, No Smoke Developed
Volume Resistivity, ohm-cm	7.1 x 10 ¹⁰
Volume Resistivity, ohm-cm	7.0 x 10 ¹⁰
Arc Resistance, Seconds	260
Dielectric Strength, VPM	35