



THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

Item:	Cement Board (Transite HT, Transite 1000, and NAD11)			
Description:	Cement Boards from The Gund Company is engineered to handle higher temperatures, loads, and electrical conditions with less shrinkage and degradation compared to previous, non-asbestos cement fiber boards. Cement board from The Gund Company is a high-density, non-asbestos board used in a variety of applications where a combination of high strength, thermal stability, electrical insulation or machinability is required.			
Availability:		Sheet Size (in-SI)	Thickness (in -SI)	
	Laminate Sheets:	Transite HT	48 x 96 (122 x 243.8 cm)	0.25 to 3 (6.35 x 76.2 mm)
		Transite 1000	48 x 96 (122 x 243.8 cm)	0.5 to 3 (12.7 x 76.2 mm)
		NAD 11	36 x 48 (91.4 x 122 cm)	0.5 to 4 (6.35 x 102 mm)
Fabricated Parts:	The Gund Company custom fabricates insulation materials to the exact specifications and drawings of our customers.			

Key Characteristics	Test Method	Units English (SI)	Typical Values		
			Transite HT	Transite 1000	NAD 11
Composition	--	--	Monolithic non-asbestos fiber cement		
Density	--	lb/in ³ (g/cc)	0.058 (1.61)	0.057 (1.58)	0.063 (1.74)
Maximum Service Temperature	--	°F (°C)	450 (232)	1000 (538)	932 (500)
Compressive Strength	ASTM D-695 (Flat)	psi (MPa)	10,400 (72)	13,350 (92)	17,110 (118)
Water Absorption	ASTM D-570	%	21	21	15
Thermal Conductivity	--	BTU-in/ft ² /hr ⁰ /F	2.4 at 250°C	2.4 at 250°C	1.94 at 200°C
Arc Resistance	ASTM D-495	Seconds	260	272	370
Dielectric Strength	ASTM D-149	V/mil (kV/mm)	35 (1.37)	56 (2.20)	69 (2.9)