



# THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

## Cement Board (Transite HT, Transite 1000, and NAD11)

<b>Item:</b>	<b>Cement Board (Transite HT, Transite 1000, and NAD11)</b>			
<b>Description:</b>	<p>Cement Boards from The Gund Company are engineered to handle higher temperatures, loads, and electrical conditions with less shrinkage and degradation compared to previous, non-asbestos cement fiber boards.</p> <p>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.</p>			
<b>Availability:</b>	<b>Laminate Sheets:</b>		<b>Sheet Size (in-SI)</b>	<b>Thickness (in-SI)</b>
		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 (191.4 x 122 cm)	0.5 to 4 (6.35 x 102 mm)
	<b>Fabricated Parts:</b>	The Gund Company custom fabricates insulation materials to the exact specifications and drawings specified by our customers.		

Key Characteristics	Test Method	Units - English (SI)	Typical Values		
			Transite HT	Transite 1000	NAD 11
<b>Composition</b>	--	--	Monolithic non-asbestos fiber cement		
<b>Density</b>	--	lb/in <sup>3</sup> (g/cc)	0.058 (1.61)	0.057 (1.58)	0.063 (1.74)
<b>Maximum Service Temperature</b>	--	°F (°C)	450 (232)	1000 (538)	932 (500)
<b>Compressive Strength</b>	ASTM D695 (Flat)	psi (MPa)	10,400 (72)	13,350 (92)	17,110 (118)
<b>Water Absorption</b>	ASTM D570	%	21	21	15
<b>Thermal Conductivity</b>	--	BTU-in/ft <sup>2</sup> /hr°/F	2.4 at 250°C	2.4 at 250°C	1.94 at 200°C
<b>Arc Resistance</b>	ASTM D495	Seconds	260	272	370
<b>Dielectric Strength</b>	ASTM D149	V/mil (kV/mm)	35 (1.37)	56 (2.20)	69 (2.9)

Data supplied above are typical values and are not to be considered specification values. All of the information, suggestions and recommendations pertaining to the properties and uses of the products herein are based upon tests and data believed to be accurate; however, the final determination regarding suitability of any material described herein for the contemplated application, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. There is no warranty, expressed or implied, including, without limitation warranty of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential loss or damage.