



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) |