



S-2 FIBERGLASS

FIBER DATA

Characteristics

- ▶ Low thermal conductivity
- ▶ Will not burn or smolder
- ▶ Will not stretch or shrink
- ▶ 1400°F service temperature
- ▶ Superior strength-to-weight ratio
- ▶ Superior resistance to abrasion
- ▶ High dielectric strength/low constants
- ▶ Resistant to most chemicals
- ▶ 1778°F softening point

Chemical Composition

Silicone Dioxide	52 - 60%
Aluminum Oxide	24 - 26%
Magnesium Oxide	9 - 11%

S-2 Fiberglass is a unique fiber with much higher strength and temperature range than typical "E" Glass. S-2 Fiberglass has superior resistance to abrasion at elevated temperature. In addition, S-2 Fiberglass remains flexible, without fracturing, in applications with vibration or movement at temperatures exceeding 1200°F.

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