

Ceramic Tape GFO7 & GF08 and Cloth G07 & G81

Overview

Ceramic textiles are noted for superior insulating ability to 2300°F/1260°C. In addition, they exhibit excellent resistance to thermal shock, corrosive attack, and breakdown due to mechanical vibration and stress.

GFO7 & GF08 Ceramic Tape along with G07 and G81 ceramic cloth contain approximately 20% organic fiber added during the carding process to produce a roving. (A roving is a long and narrow bundle of fiber.) The roving is further processed into two-ply yarn for weaving into tape and cloth. Wire is incorporated into the yarn to increase fabric tensile strength.

Chemical Properties

Ceramic textiles have excellent chemical stability and resist attack from most corrosive agents. Exceptions are hydrofluoric and phosphoric acids as well as concentrated alkalis. They also resist oxidation and reduction. If dampened by water, steam or oil, thermal properties and physical properties are completely restored upon drying. No water of hydration is present.

Typical Applications

- Gasket and wrapping material
- Induction heating furnace coil insulation
- Cable and wire insulation
- Infrared radiating diffusers
- Boiler tadpole gaskets
- Fuel line insulation
- Furnace heat zone separators
- High-pressure steam portable flange covers
- Strip curtains
- Furnace curtains
- Pipe hanger insulation

GF07, ceramic tape is available in ½", 1", 2", 3", & 4" widths and is 1/16" thick. GF08, ceramic tape is available in ½", 1", 1-1/2", 2", 2-1/2", 3", 4, & 6" widths. GF08 is 1/8" thick. Both tapes are supplied in 100 ft. rolls.

G07 Ceramic Cloth is 0.06" X 39"

G81 Ceramic Cloth is 0.125" X 39"

Supplied cut to length and sold by the square foot.

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