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Product Data Sheet —GF023

Description:

High-Performance Vermiculite Coated Fiberglass Tape

Fabric

100% fiberglass, Impregnated with Vermiculite

Non-Flammable

Products will not burn, smolder, or support flame

High Heat Resistance

Remains stable to 1200° F/649°C, better abrasion resistance and resistance to direct flame

Excellent Dimensional Stability

Will not stretch or shrink. Retains stability even at high temperatures

High Tensile Strength

Highest strength to weight ratio of any industrial textile product

Chemical Resistance

Highly resistant to most chemicals and solvents, **except Hydrofluoric, hot Phosphoric acid and wet Hydrogen Fluoride**. Will not rot or mildew

Excellent Electrical Properties

High dielectric strength and low constants

Great Flexibility

Very fine filaments used in making this textile give it a high degree of flexibility

Note: A propane torch test was done on the Vermiculite glass fabric (2000°F/1093°C), during which holes did not form in the fabric. This demonstrated Vermiculite has a therapeutic effect on ordinary fiberglass fibers. Untreated fiberglass fails at much lower temperature levels. It also should be noted Vermiculite coated fiberglass will become brittle at these elevated temperature levels, but will stay intact if left undisturbed or un-flexed.