

TEX-MAX® CP

Material Characteristics and Application

TEX-MAX® CP is manufactured from high grade “aluminosilicate” fiber through an proprietary process that leaves no trace of impurity in the finished product. It shows no shrinkage when used at elevated temperature and exhibits excellent thermal insulation properties. This unique manufacturing process results in uniform paper thickness throughout the roll.

Characteristics

- White color, light-weight, flexible, good handling strength and good uniformity
- Resists temperature as high as 2,300°F, fire resistant
- Low thermal conductivity, low heat storage, thermal shock resistant
- Excellent corrosion resistance (Resistant to most chemicals except hydrofluoric, phosphoric acids and concentrated alkalis)
- Good for die-cut and automatic stamping
- Good dielectric strength

Typical Applications

- High temperature gaskets and seals
- Super alloy ingot mold lining and hot tapes
- Refractory back-up insulation
- Appliance insulation
- Separating media for heat treating metals
- High temperature filtration
- High temperature expansion joint packing
- Glassware separating media
- Parting agent for brazing operations
- Hot face and backup lining for lab furnaces
- Aluminum distributor pan lining

Product Handling: Require protective gloves, cloth, mask and dust control. Details on product MSDS.

Density: 12 lb/cu.ft

Tensile Strength: 100 PSI

LOI: < 9%

Working Temperature:

1,800°F for Continuous Use, 2,300°F Maximum

Specific Heat (@2,000°F): 0.27 Btu/lb°F

Thickness: 1/32", 1/16", 1/8", 1/4"

Width: 24" and 48"

Also available with aluminum foil back.

TEX-MAX® CP Features

- Low thermal conductivity and heat storage
- Excellent flexibility for wrapping applications
- Easily die cut to form complex shapes
- Thin, flexible high temperature insulation
- Excellent tensile strength
- Excellent high temperature backup and expansion joint material

All information and recommendations given in this brochure are correct to the best of our knowledge. Since conditions of use are beyond our control, the information provided only serves as a guideline. Users must satisfy themselves that products are suitable for the intended process and uses. We reserve the right to change product design and properties without notice.

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