

HI-TEMP FABRICS AND TAPES

3000°F Silica Fabrics

Cotronics 399 Silica products are woven from 96% pure Silica fiber. It is totally inorganic and will not smoke when exposed to heat.

399 Silica can be used continuously at 2000°F and provides short term service to 3000°F.

399 Silica is ideal for thermal and electrical insulation, handling molten metals, hose or wire covers, gaskets, expansion joints, welding, arc and molten metal splash protection, etc.

399 Silica is available in a wide variety of forms including Sleevings, Rope, Silicone Coated or Aluminized Cloths, Curtains, Seals, Pads and Hemmed Blankets.

Quantity prices are available upon request.



Tapes

Cat. No.	Thickness	Size/Roll	Price/Roll
399T-41.....	0.060".....	1" x 25'	107.46
399T-42.....	0.060".....	2" x 25'	142.78
399T-81.....	0.125".....	1" x 25'	158.65
399T-82.....	0.125".....	2" x 25'	247.19

Woven Fabric

Cat. No.	Thickness	Size/Roll	Price/Roll
399C-1.....	0.030".....	36" x 10'	116.28
399C-2.....	0.054".....	36" x 10'	206.78

Adhesive Backed Pressure Sensitive Tapes

Cat. No.	Thickness	Size/Roll	Price/Roll
399T-41PS.....	0.060".....	1" x 25'	119.06
399T-42PS.....	0.060".....	2" x 25'	152.40
399T-81PS.....	0.125".....	1" x 25'	169.60
399T-82PS.....	0.125".....	2" x 25'	250.13

Sleevings

Cat. No.	Internal Diameter	Size/Roll	Price
399S-1.....	1/64" ID.....	0.008" x 25'	147.59
399S-2.....	1/32" ID.....	0.010" x 25'	128.33
399S-7.....	1/8" ID.....	0.035" x 25'	132.77
399S-4.....	1/4" ID.....	0.020" x 25'	171.95
399S-5.....	1/2" ID.....	0.035" x 25'	197.36
399S-6.....	1" ID.....	0.035" x 25'	324.29
399S-3.....	1/16" ID.....	0.028" x 25'	105.32

Silica Mat

Cat. No.	Thickness	Size	Price
399M-1.....	1/4".....	12" x 36"	47.95
399M-2.....	1/4".....	24" x 36"	94.50

650°F NOMEX - KEVLAR - ARAMID FABRICS

Thermeez™ 398 fabrics, tapes or sleevings are woven from Nomex or Kevlar brand of Aramid Fibers. They are exceptionally strong, temp. resistant, flame retardant and will remain flexible while in use from -100°F to 650°F.

Provides short term service to 850°F.

Thermeez™ 398 Aramid fabrics are resistant to Fungi, Bacteria, Mildew and Abrasion. 398 is non-allergenic and lightweight.

Use for pipe wrap, heat seal covers, pressure fabrics, gaskets and packing.

Can be impregnated with epoxies or silicones for electrical applications, personal protection, flexible equipment curtains and hose coverings, etc.

THERMEEZ™	398	399
Continuous Use Temp.	600 °F	2000 °F
Melting Point	800°F	3100°F
Silica %	0	98
Aramid %	100	0
Dielectric Constant (10 ⁸ cps)	4.00	3.80
Dielectric Strength (volts/mil.)	150	500
Thermal Conductivity (BTU in / Hr. Ft. ² °F)@500°F	0.35	0.45
Tensile Strength (psi x 10 ⁵)	80	5
Modules of Elasticity (psi x 10 ⁶)	12	10.50
Diameter (microns)	17	11
Porosity (%)	0	1

Braided Rope

Cat. No.	Size	Price
399R-1.....	1/8" x 25'	36.13
399R-2.....	1/4" x 25'	56.81
399R-3A.....	1/2" x 10'	80.89
399R-3.....	1/2" x 15'	120.97
399R-4A.....	3/4" x 5'	93.44
399R-4.....	3/4" x 10'	186.27
399R-5A.....	1" x 5'	116.59
399R-5.....	1" x 10'	232.00

Sleevings

Cat. No.	Size	Price
398T-2.....	3/8" I.D. x 100'	(Upon Request)
398T-3.....	1/2" I.D. x 100'	(Upon Request)

Tapes

Cat. No.	Size	Price
398-41.....	1" x 1/16" x 50'	P.O.R
398-42.....	2" x 1/16" x 50'	P.O.R
398-43.....	3" x 1/16" x 50'	P.O.R
398-81.....	1" x 1/8" x 50'	P.O.R
398-82.....	2" x 1/8" x 50'	P.O.R
398-83.....	3" x 1/8" x 50'	101.27

Additional Sizes and Pressure Sensitive Tapes Available on Request