

ULTRA TEMP. TAPE AND CLOTH

Stays Flexible at Hi-Temp.

Use To 2600°F

ULTRA TEMP 391 is woven from Continuous Filament, High Alumina, Ceramic Fibers.

These unique fibers weave ceramic cloths, tapes and sleeving that will provide flexibility and strength previously unavailable.

Ultra Temp. 391 is non-hygroscopic, non-porous, abrasion resistant and dimensionally stable.

Ultra Temp. 391 is resistant to molten metal sparks and splashes, most chemicals and solvents.

Provides unexcelled chemical and electrical resistance to 2600°F, for continuous operation, and may be used for short term exposure to 3300°F.

Use Tapes, Cloths and Sleeveings for hose coverings, furnace curtains, furnace belting, metal splash curtains, glass handling, gaskets, duct joints, metal filtration, etc.

Use 391 Pressure Sensitive Adhesive Backed Tapes for aiding in the installation and placement of tapes.

Use Thread for fabricating Ultra Temp 391 and other ceramic cloths.

Use Lacing where high temperature, high strength ties or small diameter rope is required.



Tapes, Sleeveings, Cloths, Thread etc.

TAPES

Cat. No.	Size
391W-1	0.02" x 1" x 20'
391W-2	0.02" x 2" x 20'

ADHESIVE BACKED TAPES

Cat. No.	Size
391W-1PS	0.02" x 1" x 20'
391W-2PS	0.02" x 2" x 20'

CLOTH

Cat. No.	Size
391C-1	0.060 x 12" x 5'
391C-2	0.060 x 12" x 15'
391C-3	0.030 x 30" x 25'

THREAD

Cat. No.	Size
391T-10	0.020 Dia. x 250'
391T-11	0.020 Dia. x 500'

LACING (Rope)

Cat. No.	Size
391T-12	0.060 Dia. x 50'

391 ULTRA-TEMP	
Continuous Use Temp. °F	2600
Melting Point °F	3300
Dielectric Constant (10 ⁸ cps)	1.61
Dielectric Strength (Volts/mil.)	500
Thermal Conductivity (BTU in / Hr °F Ft ²)	
500°F.....	0.45
1000°F.....	0.90
2000°F.....	1.60
BASE FIBER:	
Alumina & Refractory Oxides %	98
Tensile Strength (psi)	250,000
Modules of Elasticity (psi)	22 x 10 ⁶
Diameter (microns)	11
Porosity %	0

SLEEVING

Cat. No.	I. D.	Wall Thickness	Length
391T-0	1/16"	1/32"	25'
391T-1	1/8"	1/32"	25'
391T-2	1/4"	1/32"	15'
391T-3	1/2"	1/32"	10'
391T-5	1"	1/32"	10'
391T-6	1.5"	1/32"	5'
391T-7	2"	1/32"	5'

Sleeving is available to 3.5" I.D.