Ceramic Fiber Gasket & Thermal Insulating Woven Tape

2000°F / 1093°C: CerMax™ Extreme High Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant

Available in Plain and Drop Warp style (also known as Ladder Tape™ or Bolt-Hole Tape).

Highly flexible and virtually no shrinkage. Melts above 3000°F / 1648°C.

Woven tape has the benefit of edges that will not fray unless cut.

Ceramic fiber tapes do not have the mechanical tensile strength of tapes made from other materials due to the short fiber lengths. To enhance the mechanical durability and handleability, these tapes are made with either Fiberglass or Inconel wire reinforcement.

Common applications for this tape are as a gasket and seal material on high temperature access doors, inspection and clean-out doors and panels for kilns, ovens, furnaces, ventilation systems, etc.

CerMax™ Extreme Temperature +Plus, Heat, Flame, Molten Metal & Weld Splatter Resistant Ceramic Fiber Tapes - 100 foot roll length

Width inch / mm		Part Number	1/16" / 2mm thick Price per roll Fiberglass / Wire insert	1/8" / 3.2mm thick Price per roll Fiberglass / Wire insert	1/4" / 6.4mm thick Price per roll Fiberglass insert
1/2	13	T-C-WOVEN-0.500-M013-X-Y	£ 28.75 / NA	£ 35.65 / NA	NA
1"	25	T-C-WOVEN-1.000-M025-X-Y	£ 43.70 / £ 51.75	£59.80 / £ 66.70	NA
1 1/2"	38	T-C-WOVEN-1.500-M038-X-Y	NA / NA	£ 88.55 / NA	NA
2"	51	T-C-WOVEN-2.000-M051-X-Y	£ 78.20 / £ 93.15	£ 106.95 ** / £ 124.20	£ 210.00
2 1/2"	64	T-C-WOVEN-2.500-M064-X-Y	NA	NA / £ 154.00	NA
3"	76	T-C-WOVEN-3.000-M076-X-Y	£ 112.70 / £ 117.30	£ 154.10 ** / £ 170.20	NA
4"	102	T-C-WOVEN-4.000-M102-X-Y	£ 141.45 / £ 149.50	£ 193.20 ** / £ 218.50	NA
6	152	T-C-WOVEN-6.000-M152-X-Y	NA / NA	NA / £331.20	NA

** Note: 1/8 thick; 2", 3" and 4" wide, fiberglass reinforced, is available in Plain or Drop Warp (also known as LadderTape™ or Bolt-Hole Tape). Same price either version.

Some tapes available in 50 foot lengths – please enquire. Add 25% to above pricing when ordering in 50 foot lengths. Some tapes available in by-the-foot cut lengths – please enquire.

- For the "X" value, specify: "A1" for 1/16" thick tape or "B2" for 1/8" thick tape
- For the "Y" value, specify: "F" for Fiberglass reinforced or "W" for wire reinforced
- Add "-DW" to specify Drop Warp style tape (Only in 2", 3" and 4" widths in 1/8" thick).

To aid in mounting this tape onto surfaces, FlangeStik™ pressure sensitive adhesive spray can be used to place the tape in situ temporarily. Permanent fasteners or grab strips should be installed prior to heating of the area sprayed above 200°F. The adhesive will "smoke-off" at elevated temperatures.

Note regarding the Inconel wire re-enforced tapes: Inconel alloys are oxidation- and corrosion-resistant materials well suited for service in extreme environments subjected to high pressure and kinetic energy. When heated, Inconel forms a thick and stable passivating oxide layer protecting the surface from further attack. Inconel retains strength over a wide temperature range, attractive for high-temperature applications where aluminum and steel would succumb to creep. **Caution:** Tapes with Inconel wire insert are electrically conductive.

CerMax Tape Technical Data

CerMax is alumino-silicate based refractory fiber. White and odorless. Available with either a fibrglass or wire re-inforcement. Some organic binder is present, and will smoke-off at elevated temperatures. Once the organics have smoked-off, the product will turn white again. If smoke free operation is required, then it should be heat treated before use.

Chemical & Physical Data: Total AL_2O_3 and SiO_2 > 97% (AL_2O_3: 47%); Fe_2O_3 <1.1%. Weight Loss (1800°F) 8-10%: Refractory Fiber content >85%. Fiber diameter: 2 - 4 microns: Fiber length: 100 - 250 mm. Fiber shrinkage (1800°F, 3 hr) <3.5%

Thermal Conductivity: 570°F: 0.84 BTU/ft^2 °F/in (0.12 W/m °K). 1100°F: 0.91 BTU/ft^2 °F/in (0.13 W/m °K). 1800°F: 1.19 BTU/ft^2 °F/in (0.17 W/m °K).