

Series CR/CP/CT/CDW Textiles

Material Composition and Application

Series CR (ceramic rope) and CP (ceramic packing) are produced from ceramic strands twisted around a high temperature fiberglass carrier which are then braided into a round rope or square packing cross section. A stainless-steel wire carrier is optional.

Braided construction offers superior compression resistance and strength compared to conventional knit or twisted ropes. Applications vary across industries where heat and chemical attack are a concern. Resilient against temperatures up to 1800°F and exhibits remarkable chemical stability, warding off most corrosive agents except hydrofluoric and phosphoric acids, and concentrated alkalis. It also stands strong against oxidation and reduction processes. In case of exposure to steam or water, its thermal and physical properties fully recover upon drying.

Temperature Resistance: 1800°F (1000°C)

Size and Shape:

- Round ¼" – 1-½"
- Square ¼" – 1-½"
- Flat Tape 1" – 8"
- Drop Warp 1" – 3"
- TadPole – Custom

CR/CP SPOOL SIZE
¼" x 575 FT
¾" x 500 FT
½" x 275 FT
⅝" x 200 FT
¾" x 75 FT
1" x 75 FT
1-¼" x 30 FT
1-½" x 25 FT

FGT/FGDW ROLL SIZE			
WIDTH	⅛" THK	⅜" THK	¼" THK
1"	100 FT	100 FT	50 FT
1-½"	100 FT	100 FT	50 FT
2"	100 FT	100 FT	50 FT
3"	100 FT	100 FT	50 FT
4"	100 FT	100 FT	50 FT
6"	100 FT	100 FT	50 FT
8"	100 FT	100 FT	50 FT

Series CT and CDW Ceramic Tape and Ceramic Drop Warp Tape are crafted from our premium ceramic fiber yarns.

“Drop warp” refers to a weaving technique where selected warp (vertical) threads are omitted, creating gaps that allow bolts to pass through the tape. These tapes are suitable for high-temperature applications up to 1800°F (1000°C).

The ceramic fibers are twisted around a high-temperature fiberglass carrier and then woven into tape, with an optional stainless-steel wire carrier. Designed to endure extreme heat, pressure, and chemical exposure, these tapes offer reliable performance in demanding industrial environments. Both types can be custom ordered with PSA backing for easy installation.

While ceramic fibre is completely asbestos free, it has itself been classified as a class 2 carcinogen and consideration should be given to this. Other products are available should you wish to consider alternate options.



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