

Ceramic Fiber Packing



PA6500 Ceramic fiber packing

Square braided from high quality ceramic fiber yarns which are manufactured mainly from alumina-silica materials. The packing has characteristics of high temperature stability, low thermal conductivity, low heat storage, excellent thermal shock resistance, light weight, and good corrosion resistance. It resists most corrosive agents except hydrofluoric acid, phosphoric acid, and hot concentrated alkalis.

PA6500G Graphited ceramic fiber packing

Braided from high quality ceramic fiber yarns and then treated with graphite.

PA6510 Round braided ceramic fiber packing

Round braided from high quality ceramic fiber yarns.

Available to be reinforced with metallic wire (such as stainless steel wire, nickel wire, etc.) (style number: PA6500R, PA6500RG, PA6510R).

Applications:

As static seal packings, widely used as thermal insulation and fire-proof material in vessels, heaters, manhole lids, etc. PA6500G is normally used in valves as static seal under high temperature. Suitable for chemically neutral mediums such as water, steam, air, oils and so on.

Specifications:

Maximum temperature		1000°C
Density	PA6500, PA6510	0.5~0.7g/cm ³
	PA6500G	0.6~0.8g/cm ³

Chemical incompatibilities: Soluble in hydrofluoric acid, phosphoric acid and concentrated alkali chloride.

Normal Packing:

5kgs or 10kgs per roll, then 20kgs in a woven bag or carton.

Dimension Table:

For square braided packings with density of 0.6g/cm³

Size (mm)	5	6	8	10	12	14	15	16	18	20	25
Appr. m/kg	66.7	46.3	26.0	16.7	11.6	8.5	7.4	6.5	5.1	4.2	2.7
Appr. g/m	15.0	21.6	38.4	60.0	86.4	117.6	135.0	153.6	194.4	240.0	375.0
Kgs/coil	5									10	