



Ceramic glass-reinforced square packing

Ceramic Inconel-reinforced square packing

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Description

Ceramic packing guarantees excellent flexibility and mechanical resistance and can be used for continuous temperatures of up to 650°C (glass-fibre reinforced) or up to 1050°C (Inconel-reinforced). The product contains approximately 20% organic binders to facilitate the carding process. The binders burn at low temperatures, but without any effect on the special ceramic fibres. On request, it can be impregnated with graphite to increase lubricating power.

Applications

Sealing joints in boilers, industrial furnaces, oven doors, coke furnaces.

Standard sizes	
section mm	rolls m
5 x 5	100
6 x 6	100
8 x 8	100
10 x 10	50
12 x 12	50
15 x 15	50
18 x 18	30
20 x 20	30
22 x 22	30
25 x 25	30
28 x 28	10
30 x 30	10
35 x 35	10
40 x 40	10
50 x 50	10
60 x 60	10

Characteristics

Colours	white
Melting point	1260°C
Long term operating temperature:	
- reinforced with steel wire	1050°C
- reinforced with glass threads	650°C
Loss on ignition at high temperature	<18%
Chemical stability	excellent chemical stability resisting attack from most corrosive agents. Exceptions are fluorides, phosphoric acids and concentrated alkalis

Chemical analysis

Aluminium oxide	AL ₂ O ₃	45-48%
Silicon oxide	SiO ₂	51-55%
Iron oxide	Fe ₂ O ₃	0,7-1,2%