

## TECHNICAL DATA SHEET

### CERAMIC PACKING P-806

Fully braided packing with a square or round cross-section, made of reinforced ceramic yarn. Maximum constant operating temperature 1260°C. P-806 braided packing should have a surface without damage, thickening, narrowing and protruding torn threads. The sealant should not delaminate or crack.

#### USAGE IN APPLICATION

Aluminosilicate sealant is used as a sealing material for machine and equipment elements at temperatures up to 1260 °C. The material does not contain flammable substances, resistant to water, steam, oils and dry gases in the pH range 5-9.

#### APPLICATION

Sealing of boilers, coal mills, industrial furnaces, furnace doors, flaps, covers, thermal insulation of heat pipes and others.



Material	Ceramic yarn
Maximum continuous working temperature in °C	1260
Fiber melting point in °C	1760
Minimum temperature in °C	-100
Type of reinforcement	inconel ø 0,1 mm
Maximum shrinkage in %	3
Organic fiber content in %	18 – 20
Maximum losses after ignition in %	10
Density in g/cm <sup>3</sup>	0,65 ± 15 %

## TYPES OF RESEARCH

- o A full sealant test is carried out once every three months and after each new delivery of raw material.
- o Random testing: Linear weight, Sealant dimension, Checking external appearance, weave density.

thickness [mm]	4	6	8	10	12	15	18	20	22	25	30	35	40	60
tolerance	+/- 15%													
linear mass +/-15%	14	29	52	68	98	152	219	271	328	423	609	829	1058	2430

## PACKING, STORAGE, TRANSPORT, DISPOSAL

The sealant should be packed in bags or boxes. Store in conditions that prevent contamination and destruction. In accordance with applicable regulations in the European Union, the material is not hazardous and does not require additional markings. The sealant material is not a hazardous material and does not contain asbestos, formaldehyde or phenolic derivatives. They can be stored in industrial waste landfills without special conditions. A packing properly selected for the working conditions, properly stored, installed and operated does not pose any hazards. Use protective gloves during installation. There are no other threats.

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