

Reinforced ceramic packing type ZCE

The aluminosilicate yarn reinforced with a chrome-nickel steel wire used in the packing is characterized by an excellent thermal resistance. As a result of the applied strand, these characteristics are enriched by a high elasticity of the resulting packing. It contains up to 18% of organic fibers which may burn out in the first period of operation without losses for key operation parameters.

ZCE is a static sealant, ideal for use in furnaces, flaps, hatches, handhole openings and expansion openings. Applied, e.g. in power plants (coal mills), in metallurgy (coke batteries), founding (sealing forms), in the ceramic industry (ceramic carts and furnaces), municipal services (coal furnaces).



Technical parameters

DESCRIPTION OF PARAMETER	VALUE
TYPE	ZCE
Material	ceramic yarn
Maximum temporary temperature in °C	1200
Maximum continuous operation temperature in °C	1100
Minimum operation temperature in °C	- 100
Fiber melting point in °C	1760
Type of reinforcement	wire CrNi \varnothing 0,1 mm
Maximum shrinkage as %	3
Content of organic fibers as %	~18
Maximum losses after roasting as %	18
Density in g/cm ³	0,65 \pm 15 %
Colour	white
Dimensional range in mm	6 – 90

Special versions

G/ZCE – graphited
R+ZCE – with elastomer core

Commercial packaging

6-16 mm – roll at least 5 kg
17-90 mm – roll at least 10 kg, but not less than 10 mt