

Reinforced BIO-TEX packing type OIB/ZCE

The braid of OIB/ZCE type is produced of yarn made of high quality biosoluble refractory fibres reinforced with inconel, designed for use at temperatures up to 1100° C. As opposed to ceramic fibres, this material is not subject to any hygienic restrictions in the EU Member States in accordance with the Q note of Directive 97/69 EC. The used fibres are characterized by perfect thermal stability and keep their original structure to the amount of the maximum temperature of use. Products of BIO-TEX type do not contain refractory ceramic fibres (RCF) and asbestos. Ropes and packings of BIO-TEX type are intended for application in furnaces, flaps, hatches, cleanout openings and expansion gaps. Applied e.g. in power plants (coal mills), in cokemaking (coke batteries), founding (forms sealing), ceramic industry (ceramic carts and furnaces) and municipal economy (coal furnaces).



Technical parameters

DESCRIPTION OF PARAMETER	VALUE
TYPE	OIB/ZCE
Material	BIO-TEX reinforced yarn
Maximum temporary temperature in °C	1100
Maximum continuous operation temperature in °C	1000
Minimum operation temperature in °C	- 100
Type of reinforcement	wire CrNi ø 0,1 mm
Maximum shrinkage as %	3
Content of organic fibres %	~ 18
Maximum losses after roasting as %	18
Density in g/cm ³	0,65 ± 15 %
Colour	white-green
Dimensional range in mm	6 – 90

Special versions

G/OIB-ZCE – graphited

Commercial packaging

6-16 mm – roll at least 5 kg

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