

Glass knitted ropes type ESS/H and ESS/HC

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Ropes of ESS/H type are made of textured boron-aluminum-silicon glass, type E , with temperature strength up to 650°C. As a result of applying knitting methods of manufacturing, appropriate softness and flexibility of sealing were obtained, which greatly facilitates installation in fireplace inserts. Impregnation with special high-temperature black dye (version ESS/HC) significantly improves the aesthetic value of the product (the rope is not visible at the background of inserts). Ropes are also available in a harder variety with a core (white, type ESS/H+R and black, type ESS/HC+R). Normally, the rope is delivered on paper spools in sections with the length of 50 or 100 m.

Application

The insulating material for sealing doors in fireplace inserts and CH boilers.



Technical parameters

DESCRIPTION OF PARAMETER	VALUE
TYPE	ESS/H i ESS/HC
Material	glass textured yarn of type E
Maximum temporary temperature in °C	650
Maximum continuous operation temperature in °C	500
Minimum use temperature in °C	- 100
Scope of pH	3 – 14
Type of reinforcement	-
Density in g/cm ³	0,6 (with a core 0,8) ± 15 %
Colour	white or black
Dimensional range in mm	ø 4 – 25

Special versions

ESS/H+R and ESS/HC+R – hard rope with a core

Commercial packaging

50 or 100 m roll