

PTFE packing with graphite filling type EPG

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Packing from yarn from fibrous PTFE filled with graphite and saturated with oil. Due to such composition, the braided packing is hardly susceptible to squeezing from the stuffing box chamber, at the same time softly adapting to the chamber's shape. The low friction coefficient and high thermal conductivity protect against excessive package overheating under the effect of the pump shaft's high rotations.

Application

Recommended for using in pump and fittings stuffing boxes in contact with water, steam, oils, solvents, salts, acids and alkali, except for very strong oxidizers. The most popular PTFE packing. It may be used in industry branches. However, it is most often used in the chemical, paper and paint industries and in the artificial fertilizer industry.



Technical parameters

DESCRIPTION OF PARAMETER	VALUE
TYPE	EPG
Maximum operation temperature in °C	280
Minimum use temperature in °C	- 200
Scope of pH	0 – 14
Type of reinforcement	-
Density in g/cm ³	1,70 ± 15 %
Reciprocating pumps	p=150 bar v=2 m/s
Centrifugal pumps	p=30 bar v=15 m/s
Fittings	p=150 bar v=2 m/s
Colour	black
Dimensional range in mm	6 – 30

Special versions

EPG+R – with elastomer core

Commercial packaging

6-16 mm – roll at least 2 kg
17-30 mm – roll at least 5 kg