

PTFE packing reinforced with aramid type EPB/O+AR

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Packing braided of yarn of pure PTFE in fibres saturated with impregnant on the basis of silicon oil and additionally reinforced on corners with aramid. It is characterized by very high chemical resistance, also to the most caustic utilities such as concentrated acids and alkali (also oxidising acids).

Application

It may be particularly useful for use in plunger pumps and in industrial fittings in the food, chemical and pharmaceutical industry and in drinking water treatment stations. Resistant to the impact of water, steam, oils, fuels, solvents, acids and alkali apart from strong oxidants.



Technical parameters

DESCRIPTION OF PARAMETER	VALUE
TYPE	EPB/O + AR
Material	PTFE yarn saturated with silicon oil + aramid yarn
Maximum continuous operation temperature °C	280
Minimalna temperatura pracy °C	- 100
Scope of pH	2 – 12
Type of reinforcement	-
Density in g/cm ³	1,6 ± 15 %
Reciprocating pumps	p=100 bar v=2 m/s
Centrifugal pumps	p=30 bar v=10 m/s
Fittings	p=200 bar v=1 m/s
Colour	white – yellow
Dimensional range in mm	6 – 30

Special versions

EPB/O+AR+R – with elastomer core

Commercial packaging

6-16 mm – roll at least 2 kg

17-30 mm – roll at least 5 kg