

Specification Sheet



The graphited PTFE packing is braided from soft graphited PTFE yarn. This material is based on expanded, oriented fluorocarbon thin strips, which are incorporated with super fine flake graphite as a high temperature lubricant and an improver of a thermal conductivity.




PHYSICAL PROPERTIES

The graphited PTFE has a high chemical resistance, the low coefficient of friction, the good thermal conductance and excellent mechanical properties. This is soft and flexible material, easy to form and reliable in the montage, therefore is a highly respected, popular mechanical packing with wide spectrum of uses in pumps and other dynamic applications.

RANGE OF SIZES

General sizes in square profiles in range from 4 up to 30 mm are available on stock. The other profiles on customer requirement. The tolerance of sizes for standard profiles is $\pm 5\%$.

OPERATING PARAMETERS

SCOPE OF APPLICATION			
TEMPERATURE	-200 DEGREES C TO +60 DEGREES C		
P max (Bar)	20	400	200
pH Range	0 TO 14 pH		
VL (m/s)	25	3	2
Operating factors and limits	Load ratio max pV ~ 300 bar*m/s Average density $\rho \sim 1.4 \text{ g/cm}^3$ Minimal bush hardness - no required		

All properties and application parameters shown throughout this table are approximate and may be mutually influenced. Your specific application should not be undertaken without independent study and evaluation of qualification. Before apply the indication and figures should be examined by the potential users.

APPLICATIONS

This packing is designed to sealing up the most of pump glands, which are working with pure liquids or little polluted but not abrasive media. This is a suitable packing to work with the most of substances and chemicals but with exception of very strong oxidants.

PACKAGING

The packing is delivered on spools in carton box 2.5 kgs for small sizes up to S8 (square profile 8x8mm) and bigger spools 5 kgs for S10 and over. From S22 is available spool 25 kgs. The spools are packaging in summary carton 20 kgs net. All sizes can be packed on reusable wooden spools with weight 25kgs net. The big demands are delivered on standard EPAL pallet with net quantity 320 kgs.

QUALITY ASSURED PRODUCTS WITH FULL TRACEABILITY

Care should be taken in selecting the most suitable quality for each application. Advice is available but final responsibility remains with the customer.