

HYGRF260 - GLAND PACKING GRAPHITE PTFE

Construction:

The GRF 260 packing is braided of soft graphited PTFE yarn. This material is based on expanded, oriented fluorocarbon thin strips, which are incorporated with super fine flake graphite as an high temperature lubricant and thermal conductivity agent.

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 forms and reliable in the montage, therefore is a highly respected, popular mechanical packing with wide spectrum of uses in pumps and other dynamic applications.

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. This is a suitable packing to the work with the most of substances and chemicals with the exception of very strong oxidants.



Tefapak GRF 260 - operating parameters

	scope of application			
	temperature	-200 do 260 °C		
	p _{max} (bar)	20	400	200
	pH range	0 do 14 pH		
	V _L (m/s)	25	3	2
	operating factors	pV max ~ 300 ρ range 1,45 -1,7 g/cm ³		



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.

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. The spools are packaging in large carton with 20 kgs net weight. The bigger orders are delivered on standard EPAL pallet, net quantity 320 kgs.

Range of sizes:

General sizes in square profile in range 4 to 30 mm are available on stock. The other profiles on customer requirement. The table shows the ratio for evaluation demand in kilograms and minimal length of packing on single standard spool.



Size mm	S4	S5	S6	S8	S10	S12	S14	S15	S16	S18	S20	S22	S25	S30
Ratio m/kg	37	25	18	10,4	6,6	4,6	3,5	3,1	2,7	2,1	1,7	1,4	1,1	0,77
Spool type	2,5 kgs				5 kgs									
Min. length m	92	62	45	26	33	23	17,5	15,5	13,5	10,5	8,5	7	5,5	3,8