

HYPUR200 – GLAND PACKING PURE PTFE FDA

Construction:

Mechanical packing made of 100% pure, virgin PTFE obtained from suspension polymerisation. The PTFE is expanded, oriented and formed to the flexible yarn, which is the raw material for braiding packing in various profiles and sizes.

Properties:

This packing has the highest chemical resistance of all synthetic fibres, including resistance to acids, strong oxidising media and liquid oxygen also is resistant to UV, IR radiation and aging process. Moreover, it is neutral, sterile material with temperature range up to 260 °C and it has the lowest coefficient of friction on level 0,06. This packing eliminates any risk of pollution or dye system and media, it has the certificate of health quality EU 10/2011 and FDA approval.

Applications:

Designed as gland packing for pumps, mixers plungers in chemical, pharmaceutical and food industry as dynamic seal. It is widely used also for valve and static seals in hygienic applications and everywhere when the health quality certificate is required.



Tefapak PUR 200 - operating parameters

	Scope of application			
	Temperature	-260 up to 280 °C		
	p _{max} (bar)	20	150	150
	pH range	0 do 14 pH		
	V _L (m/s)	8	2	2
	Operating factors	pV max ~ 150 ρ range 1,4 - 1,65 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 with net quantity 320 kgs.

Range of sizes:

General sizes in square profile in range 4 to 30 mm are available on stock. The round and trapezoidal and other sizes 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	38	25,6	18,4	10,8	6,8	4,8	3,6	3,2	2,8	2,2	1,8	1,5	1,15	0,8
Spool type	2,5 kgs				5 kgs									
Min. length m	95	64	46	27	34	24	18	16	14	11	9	7,5	5,7	4