

HYXG340-GLAND PACKING ARAMID+GRAPHITE PTFE

Construction:

The hybrid packing made as the composition of graphited PTFE yarn with aramid yarn. This packing has characteristic corner braid in which result the strength concentrates on corners, in addition is impregnated with PTFE dispersion for improve friction and sealing properties.

Properties:

The corners with aramid protect of quick getting worn out of packing on contact with medium and in crucial zone of seal in piston pumps. However, graphited PTFE gives the elasticity and at the same time decreases friction.

Applications:

The hybrid Arampak is designed to usage in pumps (especially to piston pump), particularly for frontal rings in case of sealing up liquids with strong dynamic influence, strongly polluted media with solid particles, such as: stations of sewage, drainage systems and hydro-transport. Can be replaced by the packing ZG with similar parameters.



Arampak XG 340 - operating parameters				
	Scope of application			
	Temperature	-100 up to 260 °C		
	p _{max} (bar)	30	600	200
	pH range	3 do 12 pH		
	V _L (m/s)	20	4	2
	Operating factors	pV max ~ 400 ρ range 1,4 - 1,55 g/cm ³		

Notice: all properties and application parameters shown throughout this table are approximate and may mutually influenced.

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 other sizes or other profiles on customer requirement. The table below shows the ratio for evaluation demand in kilograms and for estimate minimal length of packing on single standard spool.

Size mm	S6	S8	S10	S12	S14	S15	S16	S18	S20	S22	S25	S30
Ratio m/kg	17,2	10,4	6,6	4,8	3,5	3,2	2,8	2,2	1,8	1,44	1,12	0,8
Spool type	2,5 kgs		5 kgs									
Min. length m	43	26	33	25	17,5	16	14	11	9	7,2	5,6	4

