

AG 360 gland packing

The hybrid packing made from graphited PTFE yarn with aramid fiber reinforcement. Arampak AG has the characteristic corner braid, which gives higher durability along of this rope. Moreover, impregnation with PTFE dispersion seals space between filaments, reduces friction and improve sliding properties.

Properties and advantages

The reinforcement with aramid protect rope of quick worn out of packing on contact with medium in crucial zone of seal, both in piston and centrifugal pumps. Furthermore, graphited PTFE gives the elasticity and at the same time decreases friction and improves a heat transmission.

Area of applications

The Arampak AG 360 is designed to usage in piston pump, because of reinforced corners, also can be applied in impeller pumps and valves. Particularly aramid is uses for face rings in case of sealing up liquids with strong dynamic influence, strongly polluted media with solid particles, such as: hydro-transport, sewage stations, drainage systems. The AG 360 packing can be replaced by Arampak XG, XP, ZG, and DG.



The Arampak packing is a combination of high strength of aramid fiber with perfect sliding properties of PTFE.

Operating parameters - AG 360

	Scope of application			
	Temperature	-100 to +260°C		
	p _{max} (bar)	30	600	200
	pH range	3 to 12 pH		
	V _L (m/s)	20	4	2
	Operating factors and use limits	Load ratio max pV ~ 400 bar·m/s Average bulk density ρ ~ 1,4 g/cc Minimal bush hardness ~ 50 HRC		

Range of sizes and packaging

The main range of Arampak packing sizes are square profiles from S6 to S30, with a tolerance of -5 /+10%. These sizes are available for fast delivery directly from stock. The below table shows the conversion factors and the average length of a unit packages.

Arampak packing is packed on spools of 2,5 or 5 kg, depending on the size, in accordance with the table below. The spools are packed in collective cartons of 20 kg net. Delivery on reusable wooden spools weighing from 20 to 30 kg is also possible. Large orders are delivery on pallets in the amount of 16 or 20 cartons with a total weight of 320 or 400 kg.



Square profiles [mm]	S6	S8	S10	S12	S14	S16	S18	S20	S22	S25	S30
Linear mass weight [g/m]	56	95	145	200	270	360	450	550	670	880	1250
Spool type	2,5 kg		5 kg				5 kg also 20 - 30 kg				
Converter to meters [m]	18	10,5	6,8	5	3,6	2,8	2,2	1,8	1,5	1,15	0,8
Roll length [m]	45	26	34	25	18	14	11	9	7,5	5,7	4