

ZG 320 gland packing

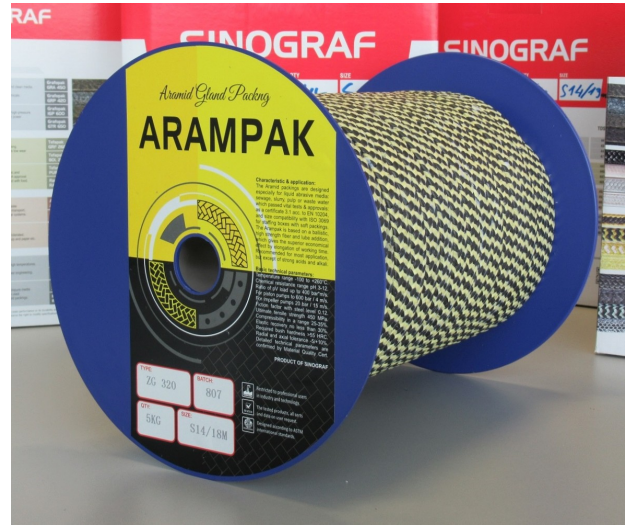
Arampak series packing with a hybrid braid made of aramid yarn and graphited PTFE. The ZG packing is braided in a characteristic zebra braid and is impregnated with PTFE dispersion to improve friction and sealing properties.

Properties and advantages

Aramid reinforcements protect the seal against rapid wear in the zone subjected to strong influence of the medium. The interbraiding with PTFE gives more flexibility, reduces friction and at the same time improves heat conductivity.

Area of applications

Arapak packings are designed for both: centrifugal and piston pumps, but the zebra braid is more flexible and gives a better effect on smaller radius in centrifugal pumps. Aramid is especially recommended for closing rings in sets of media packages with strong dynamic influence or strongly contaminated with solid particles, such as drainage systems, sewage pumps and hydrotransport. This packing can also be used with Arampak series XG, AG, and DG ropes as an equivalent.



The Arampak ZG in zebra braid has a high strength of aramid fiber, and at the same time maintains good flexibility of PTFE.

Operating parameters - ZG 320

	Scope of application			
	Temperature	-100 to +260°C		
	p _{max} (bar)	30	200	200
	pH range	3 to 12 pH		
	V _L (m/s)	20	6	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.

Arapak 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