

Aramid Fiber Packing



PA7100 Aramid fiber packing

Braided from high quality aramid (Kevlar) yarns which are uniformly impregnated with PTFE dispersion. The packing shows good chemical resistance, high elasticity and very low cold flow. It is wear resistant but may damage the shaft if not used properly. A minimum shaft hardness of 60HRC is therefore recommended. Compared with other kinds of packing, it can resist severer media and higher pressure.

PA7100L Aramid fiber packing with lubricant

Braided from high quality Dupont aramid (Kevlar) yarns which are uniformly impregnated with PTFE dispersion and lubricated with a silicone-based compound.

PA7200 Spun aramid fiber packing

Braided from economical aramid yarns which are spun from short aramid (Kevlar) fibers and other selected fibers, and impregnated with PTFE. PA7200 is with similar characteristics as PA7100, but less harmful to the shaft.

Applications:

They are durable packings able to withstand granular and abrasive mediums. Can be used in pumps in all types of industries such as chemical, petrochemical, pharmaceutical, food and sugar industries, pulp and paper mills, power stations, etc.

Recommended for serving in superheated steam, solvents, liquefied gases, sugar syrups and other abrasive fluids.

Can be used as stand-alone packing or as anti-extrusion ring in combination with other packing rings.

Service Limits:

Style		PA7100	PA7100L	PA7200
Temperature		-100°C~+260°C		
Pressure	Rotating	25bar, 25m/s		25bar, 20m/s
	Reciprocating	100bar, 1.5m/s		80bar, 1.5m/s
	Valve	200bar		180bar
PH range		2~12		
Density		1.25~1.45g/cm ³	1.35~1.55g/cm ³	1.25~1.45g/cm ³

Forms of Supply:

In coils, e.g. 5kgs or 10kgs per coil;

As packing rings (PR7100, PR7100L, PR7200).

Dimension Table:

For packings with density of 1.35g/cm³

Size (mm)	5	6	8	10	12	14	15	16	18	20	25
Appr. m/kg	29.6	20.6	11.6	7.4	5.1	3.8	3.3	2.9	2.3	1.9	1.2
Appr. g/m	33.8	48.6	86.4	135.0	194.4	264.6	303.8	345.6	437.4	540.0	843.8
Kgs/coil	5									10	