

Kynol Fiber Packing



PA7700 Kynol fiber packing

Braided from high performance Kynol (also named novoloid or phenolic) fiber yarns impregnated with special PTFE dispersions. It has good mechanical properties combined with softness and strength. Compared to ordinary aramid and PTFE packing, it has many advantages such as: good thermal stability, low heat expansion; high dimensional stability and superior pressure resistance even at elevated temperature; high strength whilst gentle to shafts; easy to cut and install; outstanding chemical resistance especially to acids, organic solvents, oils and fuels.

PA7740 White PTFE packing with Kynol corners

Braided from pure PTFE yarns and enhanced with Kynol fiber yarns on the corners. It contains the advantages of both PTFE and Kynol.

Applications:

PA7700 is a high performance packing that is well suited to abrasive mediums and applications where contamination is not permitted. It has multiple uses in chemical plants and pulp & paper mills, regularly used in rotating and reciprocating pumps, washer journals, liquor pumps, refiners and digesters.

Service Limits:

Temperature		-100°C~+260°C
Pressure Shaft speed	Rotating	20bar, 20m/s
	Reciprocating	100bar, 1.5m/s
	Valve	200bar, 2m/s
PH range		1~13
Density	PA7700	1.2~1.4g/cm ³
	PA7740	1.1~1.3g/cm ³

Forms of Supply:

In coils, e.g. 5kgs or 10kgs per coil;
As packing rings (PR7700, PR7740).

Dimension Table:

For packings with density of 1.3g/cm³

Size (mm)	5	6	8	10	12	14	15	16	18	20	25
Appr. m/kg	30.8	21.4	12.0	7.7	5.3	3.9	3.4	3.0	2.4	1.9	1.2
Appr. g/m	32.5	46.8	83.2	130.0	187.2	254.8	292.5	332.8	421.2	520.0	812.5
Kgs/coil	5									10	