

PTFE Packing



PTFE has characteristics of excellent anticorrosion, good self-lubrication and non-sticking. However, it is also substance with low heat conductivity, cold flow and great thermal expansion coefficient.

PA400 Pure PTFE packing

The packing is twisted and braided from raw film of pure PTFE dispersion resins without adding any lubrication. It is soft, mainly used in static sealing applications.

PA400L Pure PTFE packing with lube oil

It is similar to PA400, but treated with special lubrication. Designed for dynamic sealing applications.

Application:

Designed for valves and low shaft speed applications under medial pressure, however high purity and corrosion resistance is required, such as food industries, pharmaceutical factories, paper mills and chemical fiber plants etc. They are universal packings suitable for valves, pumps and agitators in most mediums.

Service Limits: Style		PA400	PA400L
Temperature		-150°C~+260°C	
Pressure	Rotating	15bar	15bar
	Reciprocating	100bar	100bar
	Valve	150bar	200bar
Shaft speed		2m/s	10m/s
PH range		0~14	
Density		1.15~1.35g/cm ³	1.55~1.75g/cm ³

Forms of Supply:

In coils of 5~10kgs, other package on request.

As packing rings PA400, PA400L.

In precut length.

Dimension table:

For packings with density of 1.25g/cm³

Size (mm)	5	6	8	10	12	14	15	16	18	20	25
Appr. m/kg	31.9	22.2	12.5	8.0	5.6	4.1	3.6	3.1	2.5	2.0	1.3
Appr. g/m	31.3	45.0	80.0	125.0	180.0	245.0	281.3	320.0	405.0	500.0	781.3
Kgs/coil	5					10					

For packings with density of 1.65g/cm³

Size (mm)	5	6	8	10	12	14	15	16	18	20	25
Appr. m/kg	24.2	16.8	9.5	6.1	4.2	3.1	2.7	2.4	1.9	1.5	1.0
Appr. g/m	41.3	59.4	105.6	165.0	237.6	323.4	371.3	422.4	534.6	660.0	1031.3
Kgs/coil	5					10					