

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.

PA4000 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.

PA4000L Pure PTFE packing with lube oil

It is similar to PA4000, 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		PA4000	PA4000L
Temperature		-150°C~+260°C	
Pressure	Rotating	15bar / 218 psi	15bar / 218 psi
	Reciprocating	100bar / 1450 psi	100bar / 1450 psi
	Valve	150bar / 2176 psi	200bar / 2176 psi
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 PA4000, PA4000L.
In precut length.

Dimension table:

For packings with density of 1.25g/cm³ or .7oz/ci

Size (MM)	5	6	8	10	12	14	15	16	18	20	25
Size (inch)	0.200	0.240	0.310	0.390	0.470	0.550	0.590	0.630	0.710	0.790	0.980
m/kg	31.9	22.2	12.5	8	5.6	4.1	3.6	3.1	2.5	2	1.3
yds/lb	15.8	11.0	6.2	4.0	2.8	2.0	1.8	1.5	1.2	1.0	0.6
g/m	31.3	45	80	125	180	245	281.3	320	405	500	781.3
oz/yd.	1.0	1.5	2.6	4.0	5.8	7.9	9.1	10.3	13.1	16.1	25.2
kg/coil	5										10
Lbs/coil	10.2										20.5

For packings with density of 1.65g/cm³ or 1oz/ci

Size (MM)	5	6	8	10	12	14	15	16	18	20	25
Size (inch)	0.200	0.240	0.310	0.390	0.470	0.550	0.590	0.630	0.710	0.790	0.980
m/kg	24.2	16.8	9.5	6.1	4.2	3.1	2.7	2.4	1.9	1.5	1
yds/lb	12.0	8.3	4.7	3.0	2.1	1.5	1.3	1.2	0.9	0.7	0.5
g/m	41.3	59.4	105.6	165.0	237.6	323.4	371.3	422.4	534.6	660.0	1031.3
oz/yd.	1.3	1.9	3.4	5.3	7.7	10.4	12.0	13.6	17.2	21.3	33.3
kg/coil	5										10
Lbs/coil	10.2										20.5