

## Graphited PTFE Packing



GPTFE yarn is a homogenous yarn specially developed from high quality PTFE resin and graphite powder through special process. It has low friction and good thermal conductivity, and is suitable for most chemical mediums.

### PA4300 Graphited PTFE packing

By using GPTFE yarns, this product offers consistently high thermal conductivity and efficient sealing at particularly high temperature and speeds. There are no free graphite particles on the surface therefore no contamination would occur.

### PA4301 SGPTFE packing

Braided from super grade GPTFE yarns, it is a good alternative to Gore GFO packing.

### PA4300L Graphited PTFE packing with lube oil

Braided from GPTFE yarns which are treated with silicone lubricant. It is an economical GPTFE packing.

### Application:

Widely used in pumps, valves, reciprocating and rotating shafts, mixers and agitators. Especially designed for services involving surface speeds and temperature higher than those normally specified for pure PTFE packings. Can be safely used in all chemical pump applications with the exception of molten alkali metals, fluoride, fuming nitric acid and other strong oxidizing agents. It is also against water, steam, petroleum derivatives, vegetable oil and solvents.

Service Limits: Style		PA4300	PA4301	PA4300L
Temperature		-150°C~+280°C		
Pressure	Rotating	20bar/290 psi	25bar /363 psi	15bar/218 psi
	Reciprocating	100bar/1450 psi	100bar/1450psi	100bar/1450psi
	Valve	150bar /2176 psi	200bar/2176psi	200bar/2176psi
Shaft speed		16m/s	20m/s	12m/s
PH range		0~14		
Density		1.2~1.4g/cm <sup>3</sup>		

### Forms of Supply:

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

As pre-pressed rings (PR4300, PR4301, PR4300L).

In pre-cut length.

### Dimension table:

For packings with density of 1.3g/cm<sup>3</sup> or .8oz/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	30.8	21.4	12	7.7	5.3	3.9	3.4	3	2.4	1.9	1.2
yds/lb	15.3	10.6	6.0	3.8	2.6	1.9	1.7	1.5	1.2	0.9	0.6
g/m	32.5	46.8	83.2	130	187.2	254.8	292.5	332.8	421.2	520	812.5
oz/yd.	1.0	1.5	2.7	4.2	6.0	8.2	9.4	10.7	13.6	16.8	26.2
kg/coil	5					10					
Lbs/coil	10.2					20.5					