

Graphited PTFE Packing

Uni-seals GPTFE yarn is a homogenous yarn 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

The packing is braided from Uni-seals GPTFE yarns. Its consistently high thermal conductivity ensures an effective seal, especially at high temperature and speeds. There are no free graphite particles on the surface therefore little contamination would occur.

PA4300L Graphited PTFE packing with lube oil

Braided from Uni-seals GPTFE yarns with silicone lubricant. It is an economical GPTFE packing.

PA4301 SGPTFE packing

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

Applications:

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.

Service Limits:

Style		PA4300, PA4300L	PA4301
Temperature		-150°C~+280°C	
Pressure	Rotating	20bar	25bar
	Reciprocating	100bar	150bar
	Valve	150bar	200bar
Shaft speed		16m/s	20m/s
PH range		0~14	
Density		1.4~1.6g/cm ³	

Forms of Supply:

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

As packing rings (PR4300, PR4300L, PR4301).

Dimension Table:

For packings with density of 1.5g/cm³

Size (mm)	5	6	8	10	12	14	15	16	18	20	25
Appr. m/kg	26.7	18.5	10.4	6.7	4.6	3.4	3.0	2.6	2.1	1.7	1.1
Appr. g/m	37.5	54.0	96.0	150.0	216.0	294.0	337.5	384.0	486.0	600.0	937.5
Kgs/coil	5									10	