

Graphite + PTFE Packing**PA1000P Graphite packing with PTFE impregnation**

The packing is braided from expanded flexible graphite yarns which are reinforced by cotton fiber or glass fiber, and then impregnated with PTFE resin. Compared with traditional graphite packing, it has better cross-section tightness, structural strength and lower friction factor, protecting shafts and stems against abrasion.

PA1040 Graphite packing with PTFE corners

The packing contains the advantages of both graphite and PTFE. The PTFE corners can effectively prevent the graphite being extruded.

Applications:

Widely used for both static and dynamic sealing applications. Particularly suitable for valves, pumps, expansion joints, mixers and agitators in high temperature and high pressure environments in paper mills, power stations and chemical plants.

Service Limits:

Temperature		-150°C~+260°C
Pressure Shaft speed	Rotating	15bar, 12m/s
	Reciprocating	50bar, 2m/s
	Valve	200bar, 2m/s
PH range		0~14
Density		1.25~1.45g/cm ³

Forms of Supply:

In coils, e.g. 5kgs or 10kgs per coil;
As packing rings (PR1000P, PR1040).

Dimension Table:

For packings with density of 1.35g/cm³

Size (mm)	5	6	8	10	12	14	15	16	18	20	25
Appr. m/kg	29.6	20.6	11.6	7.4	5.1	3.8	3.3	2.9	2.3	1.9	1.2
Appr. g/m	33.8	48.6	86.4	135.0	194.4	264.6	303.8	345.6	437.4	540.0	843.8
Kgs/coil	5									10	