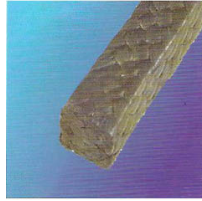


Graphited PTFE Filament Packing



PA440 Graphited PTFE filament packing

Braided from sintered PTFE filament pretreated with graphite particles. The packing is then re-impregnated with graphite emulsion after braiding process. Compared with normal graphited PTFE packing, the characteristics of PA440 are similar, moreover, it has higher cross-section density and structural strength, and contains more particles of graphite.

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: Temperature		-150°C~+280°C
Pressure	Rotating	20bar / 290 psi
	Reciprocating	150bar / 2176 psi
	Valve	250bar / 3626 psi
Shaft speed		20m/s
PH range		0~14
Density		1.6~1.8g/cm ³

Forms of Supply:

In coils of 5~10kgs, other package on request.
As pre-pressed rings (PR440).
In precut length.

Dimension table:

For packings with density of 1.7g/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	23.5	16.3	9.2	5.9	4.1	3	2.6	2.3	1.8	1.5	0.9
yds/lb	11.7	8.1	4.6	2.9	2.0	1.5	1.3	1.1	0.9	0.7	0.4
g/m	42.5	61.2	108.8	170	244.8	333.2	382.5	435.2	550.8	680	1062.5
oz/yd.	1.4	2.0	3.5	5.5	7.9	10.8	12.3	14.0	17.8	21.9	34.3
kg/coil	5									10	
Lbs/coil	10.2									20.5	