

Technical Data Sheet



FMP 403 Graphite PTFE

Typical Applications: Valves, Pumps, Mixers, Agitators

Service Media & conditions :

Used for high speed shafts, rotating & reciprocating valves, steam, slurry & applications for chemical ,alcohol & acidic media etc..



Supply Data:

Size Range : 6 x 6 to 40 x 40 mm
Form : Square

Technical Data:

Material Number :	FMP 403
Type of Fibre :	Graphited PTFE
Carrier Fibre :	-
Type of Core :	Graphited
Metal Insertion/Jacketing	-
Application Limit	-200°C to 280°C
Decomposition :	280°C
Operating Pressure (Max.) Rotating	35 Bar
Operating Pressure (Max.) Oscillating	100 Bar
Max Operating Pressure :	200 Bar
Temperature of Carrier Fibre :	
pH	0 - 14
Density (g/cm ³)	1.55

Physical Properties:

Size (mm)	6	8	10	12	16	18	20	25	30	40	
Weight (g/m)	56	99	155	223	384	502	620	969	1395	2480	

Product versions:

FMP-403 impregnated with special lubricants to reduce stem friction & corrosion inhibitor.

Chemical Resistance Chart

1	Water	●
2	Steam	●
3	Natural Solutions	●
4	Dilute Acids	●
5	Mild Acids	●
6	Concentrated Acids	●
7	Dilute Alkalies	●
8	Strong Alkalies	●
9	Inert Gases	●
10	Acidic Vapours/ Gases	●
11	Solvents	●
12	Organic Compounds	●
13	Mineral Oil	●
14	Synthetic Oil	●
15	Abrasive Media	●
16	Bitumen	●
17	Lacquires	●

Legends : ● Suitable ● Conditional Suitable ● Not Suitable

All data quoted above are based on years of experience in production & operation of sealing elements, in view of the wide variety of possible installation & operating conditions one can not draw final conclusion in all application cases regarding the behaviour in gasket joint. The data may not therefore, be used to support any warranty claims.
Should you have any doubts about the choice of gasket material, please refer to us. Our engineering cell will be happy to assist you.

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