

FMP 502 PTFE G. Filament

Typical Applications: Valves, Pumps, Mixers, Agitators & Washeries

Service Media & conditions :

Used for Rotary Pumps, Mixers & Low pressure Valves for Acids, Chemicals, Caustics, Concentrate Acids, Boilerfeed water, Fuel & Lub Oil.



Supply Data:

Size Range : 6 x 6 to 40 x 40 mm

Form : Square

Technical Data:

Material Number :	FMP 502
Type of Fibre :	Graphitised PTFE filament (GFO)
Carrier Fibre :	-
Type of Core :	filament Yarn PTFE
Metal Insertion/Jacketing	-
Application Limit	-240°C to 280°C
Decomposition :	280°C
Operating Pressure (Max.) Rotating	20 Bar
Operating Pressure (Max.) Oscillating	150 Bar
Max Operating Pressure :	250 Bar
Temperature of Carrier Fibre :	
pH	0 - 14
Density (g/cm³)	1.5

Physical Properties:

Size (mm)	6	8	10	12	16	18	20	25	30	40	
Weight (g/m)	54	96	150	216	384	486	600	938	1350	2400	

Product versions:

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	Lacques	●

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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