

FMP 404 PTFE

Typical Applications: Valves, Pumps, Mixers

Service Media & conditions :

Suitable for Valves used in Chemical, Food & Pharmaceutical industry.
Water Handling equipment Mixers & fermentation equipment. Also for highly aggressive & corrosive media.



Supply Data:

Size Range : 6 x 6 to 40 x 40 mm

Form : Square

Technical Data:

Material Number :	FMP 404
Type of Fibre :	PTFE
Carrier Fibre :	-
Type of Core :	PTFE
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)	1.5 - 1.6
Colour	White

Physical Properties:













Size (mm)	6	8	10	12	16	18	20	25	30	40	
Weight (g/m)	50	99	155	223	397	502	620	969	1395	2480	




Product versions:

FMP 404- Impregnated with special lubricants to reduce stem friction & corrosion inhibitor .

Also available FMP 404 S- Dry PTFE without lubrication.

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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