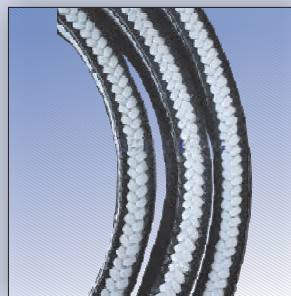


FMP 507 PTFE + Graphite PTFE

Typical Applications: Valves, Pumps, Mixers

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 507
Type of Fibre :	PTFE & Graphite Filament
Carrier Fibre :	-
Type of Core :	Graphite
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)	1.6
Colour	White & Black

Physical Properties:

Size (mm)	6	8	10	12	16	18	20	25	30	40	
Weight (g/m)	57	102	160	230	410	518	640	1000	1440	2560	

Product versions:

PTFE Edges and Middle of Graphite structure.
PTFE and Graphite Zebra structure also available.

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.

Ferolite Jointings Ltd

C-178, Site No.1 B.S. Road Industrial Area, Ghaziabad-201001 (U.P.)
Website www.ferolite.com