

FMP 524 Glass Fiber

Typical Applications: Filters, Boiler, Insulation

Service Media & conditions :

Used for Thermal insulation, Boiler pipe line, Furnaces & Ovens in Steel & Chemical Industry, Filters applications, Fuel Gas Valves, Kiln Covers, Acid & Alkali Valves Hot Expansion Joints.



Supply Data:

Size Range : 6 x 6 to 60 x 60 mm

Form : Round/Square

Technical Data:

Material Number :	FMP 524, FMP 524 GM
Type of Fibre :	Glass Fiber -Graphited
Carrier Fibre :	-
Type of Core :	-
Metal Insertion	Chrome Steel (S.S.) wire/ Inconel
Application Limit	550°C
Decomposition :	550°C
Operating Pressure (Max.) Rotating	-
Operating Pressure (Max.) Oscillating	-
Max Operating Pressure :	150 Bar
Temperature of Carrier Fibre :	
pH	4 - 13
Density (g/cm³)	1.5
Colour	Black/White

Physical Properties:

Size (mm)	6	8	10	12	16	18	20	25	30	40	50
Weight (g/m)	54	96	150	216	384	486	600	938	1350	2400	3750

Product versions:

Impregnated with Graphited PTFE emulsion also available.
 Metal Wire Insertion of Chrome Steel (S.S.) wire (FMP 524 GM).
 Metal Wire Insertion of Inconel wire (FMP 524 IN).

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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