

# Technical Data Sheet



## FMP 702 Ceramic Fiber

**Typical Applications: Boilers, Furnaces, Fire Doors**

**Service Media & conditions :**

Used for high temperature sealing for Steel & Aluminium Industries

Boiler, pipe line & furnaces etc.



**Supply Data:**

**Size Range :** 6 x 6 to 60 x 60 mm

**Form :** Round/Square

**Technical Data:**

<b>Material Number :</b>	<b>FMP 702, FMP 702M</b>
<b>Type of Fibre :</b>	Ceramic Fiber (100% Aluminium Silicate)
<b>Carrier Fibre :</b>	Glass fiber
<b>Type of Core :</b>	-
<b>Metal Insertion/Jacketing</b>	Chrome Steel (S.S.) wire
<b>Application Limit</b>	-200°C to 1100°C
<b>Decomposition :</b>	1200°C
<b>Operating Pressure (Max.) Rotating</b>	-
<b>Operating Pressure (Max.) Oscillating</b>	-
<b>Max Operating Pressure :</b>	300 Bar
<b>Temperature of Carrier Fibre :</b>	
<b>pH</b>	0 - 14
<b>Density (g/cm<sup>3</sup>)</b>	0.64 -0.70
<b>Colour</b>	White

**Physical Properties:**

Size (mm)	6	8	10	12	16	18	20	25	30	40	50
Weight (g/m)	23	41	64	92	164	207	256	400	576	1024	1600

**Product versions:**

Metal Wire Insertion of Chrome Steel (S.S.) wire (FMR 702 M).

## 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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