

## FMP 510 Aramid + PTFE

### Typical Applications: Valves, Mixers, Agitators

#### Service Media & conditions :

Used for abrasive media & slurry applications for Valves, Mixers, agitators, rotary and reciprocating applications.



### Supply Data:

Size Range : 6 x 6 to 40 x 40 mm

Form : Square

### Technical Data:

Material Number :	FMP 510
Type of Fibre :	ARAMID FIBER & PURE PTFE
Carrier Fibre :	-
Type of Core :	-
Metal Insertion/Jacketing	-
Application Limit	-100°C to 290°C
Decomposition :	290°C
Operating Pressure (Max.) Rotating	35 Bar
Operating Pressure (Max.) Oscillating	150 Bar
Max Operating Pressure :	200 Bar
Temperature of Carrier Fibre :	
pH	1 - 13
Density (g/cm <sup>3</sup> )	1.5
Colour	Yellow & White

### 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:

Aramid Edges and Middle of PTFE structure.  
PTFE and Aramid 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.

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