

Technical Data Sheet



FMP 500M Expanded Graphite jacketed with Inconel wire

Typical Applications: Valves

Service Media & conditions :

Used for Superheated Steam, Hydrocarbons, Non Oxidising Liquids & Gases, Hot Ash Dyes & Chemicals, Fuel Oil & Lub oil etc. Corrosion inhibitor for moving parts



Supply Data:

Size Range : 6 x 6 to 40 x 40 mm

Form : Square

Technical Data:

Material Number :	FMP 500M
Type of Fibre :	High purity Graphite (99.5 - 99.9%) + S.S. Wire /Inconel Wire
Carrier Fibre :	-
Type of Core :	Graphite
Metal Insertion/Jacketing	Inconel Wire / Chrome Steel (S.S.) wire
Application Limit	-240°C to 650°C
Decomposition :	650°C
Operating Pressure (Max.) Rotating	30 Bar
Operating Pressure (Max.) Oscillating	150 Bar
Max Operating Pressure :	350 Bar
Temperature of Carrier Fibre :	
pH	0 - 14
Density (g/cm ³)	1.1

Physical Properties:

Size (mm)	6	8	10	12	16	18	20	25	30	40	50
Weight (g/m)	39.6	70.4	110	158.4	281.6	356.4	440	687.5	990	1760	4175

Product versions:

With metal wire Insertion or Jacketing (FMP 500M) Impregnated with Special Lubricants -- To reduce stem friction & corrosion inhibitor.