



## DATA SHEET

### MP8005 BRAIDED GRAPHITE PACKING

#### DESCRIPTION

MP8005 is constructed from pure expanded graphite fibre yarn with corrosive inhibitors. This packing is just as capable as a valve packing in high temperatures as it is in a high speed pump. MP8005 is suited to bronze sleeves as well as stainless steel. This is a versatile packing developed from the old graphite tape that does away with many designer styles and makes of packing.

#### APPLICATIONS

MP8005 is a general service packing for use throughout industry and ideal for pumps with bronze or soft sleeves and or worn equipment. Services include steam valves, boiler feed pumps, condensate pumps, chemical and petrochemical applications, expansion joints and high temperature groove packing.

#### SIZES/AVAILABILITY

Size: 3 x 3mm through to 50 x 50mm. Larger sizes available upon request  
Thickness: 8m rolls. Larger coils available upon request

#### PHYSICAL PROPERTIES

Density	1.0 – 1.3g/cm <sup>3</sup>
Graphite Purity	>98%
Ignition Loss	<10% (at 450°C for 3 Hours)
Tensile Strength	>7MPa
pH Value	0 – 14 (except in Fuming Acid, Aqua Regia and Oleum)
Compressibility	>25%
Recovery	>15%
Sulphur Content	<1200ppm
Chlorine Content	<50ppm
Temperature	-240°C (-400°F) to 649°C (1200°F) in Steam, to 454°C (850°F) in Oxidising, to 3300°C (6000°F) in Non-Oxidising
Pressure	300psi (2100Kpa) in Rotary Service
Speed	4400 FPM (25m/sec)
Colour	Black
MSDS	Available upon request

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