



## DATA SHEET

### MP8006 BRAIDED GRAPHITE/INCONEL WIRE PACKING

#### DESCRIPTION

MP8006 is constructed from high purity graphite twisted yarn with multiple inconel wires reinforcing each yarn. A braided core of graphite and multiple inconel wires provide enhanced sealing and high-pressure performance.

The external jacked braided from pure expanded graphite encapsulated inconel wired twisted yarn is further enhanced by applying an inhibitor and a blocking agent thus avoiding all contact between the reinforced inner core and the valve stem, elevating the possibility of stem scoring.

#### APPLICATIONS

Applications where MP8006 excel are the pulp and paper industry, power stations, refineries, petrochemical and steam generation plants. Its services include steam valves, expansion joints and high temperature groove packing, hot air and super heated water.

#### SIZES/AVAILABILITY

Size: 3.0mm up to 50mm square  
Lengths: 8m boxes. Larger lengths available upon request

#### PHYSICAL PROPERTIES

Construction	Inter-braided
pH Value	2 – 14 (except oleum, fuming nitric acid & aqua regia)
Temperature	-200°C (-393°F) Cryogenics +3300°C (+6000°F) Non-oxidizing atmosphere +500°C (+932°F) Oxidizing atmosphere +650°C (+1202°F) Steam
Pressure	6620 Psi (46000 Kpa)
Purity of Graphite	99%
Speed	2000 FPM (10.16m/sec)
Colour	Black
MSDS	Available upon request

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