



# MP8006

Braided Graphite / Inconel Wire Packing

## FEATURES

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, alleviating the possibility of stem scoring.

## TECHNICAL INFORMATION

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

## AVAILABLE SIZES

### STANDARD LENGTHS

8m rolls

### STANDARD ROLL SIZE

3.0mm up to 50mm square

Cut lengths, strips and custom shapes are available upon request  
Larger coils & sizes available upon request



## 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
- > High temperature groove packing
- > Hot air and super heated water