

JX 1203 Reinforced Graphite Sheet

With Wire Mesh Insert

Description

This product is manufactured from flexible graphite sheet adhesively bonded to 0.20mm thick SS316 wire mesh insert. The layers are bonded together with super glue that does not delaminate during punching, storage and use.

Reinforced Graphite Sheets are ideal sheet gasket materials for most industrial fluid sealing applications. They resist corrosive chemicals, high temperature, and high pressure. Recommended to be used in refineries, chemical and petrochemical plants, paper mills, mines and other industrial fields.

Technical Data

	JX 1203
Material of insertion	Wire mesh
thick of insertion	0.20mm
Working Temperature	-200℃ to +500℃ Oxidizing -200℃ to +650℃ Steam
Max. Pressure	200bar
Density	1.1g/cm ³
Carbon Content	99%
Ash Content ASTM C561	≤1%
Leachable Chloride ASTM D-512	50ppm Max
Sulphur Content ASTM C-816	1000ppm Max.
Fluorides Content ASTM D-512	50ppm Max.
Stress Relaxation DIN 52913	>48N/mm ²
Compressibility ASTM F36A-66	40-45%
Recovery ASTM F36A-66	10-15%

Standard Size

Width: 1000mm, 1500mm

Length: 1000mm, 1500mm

Thickness: 0.8mm to 4.0mm