

BPG 8502



PROPERTIES

BPG 8502 is a sheet made of expanded high oxidation-resistant graphite foil with a purity of more than 98%.

APPLICATIONS

Due to its high compressibility and good resistance to creep makes BPG 8502 suitable for demanding conditions in the petro-chemical, - process, - chemical, - power plant industries, especially for pumps, valves and compressors.

TYPICAL PHYSICAL PROPERTIES

Sheet Size	1000 × 1000 mm
Sheet Thickness	0.5 – 1.0 – 1.5 – 2.0 – 3.0 mm
Density	1.0 g/cm ³
Carbon content	> 98%
Ash content	< 2%
Compressibility – ASTM F36 A	> 50%
Recovery – ASTM F36A	11%
Sulphur content	< 750 ppm
Chlorine content	< 50 ppm

OPERATION PARAMETERS

Temperature	–200 °C up to +500°C in steam +550°C
Pressure	60 bar

PRODUCT SPECIFICATIONS

Certifications/approvals/tests	BAM for Oxygen Service, Shell MES-C 85/203
--------------------------------	---

BENEFITS

- No hardening or ageing due to absence of binders or adhesive
- Ideally for small size gaskets

- Due to its high compressibility it offers a high level of adaptability against irregularities or unevenness of the flange surfaces