

BPG 8508



PROPERTIES

BPG 8508 is a sheet made of expanded graphite reinforced by a stainless-steel tanged insert (316L – thickness 0.1 mm) which improves its resilience and resistance to blow-out.

APPLICATIONS

Due to its high compressibility and high resilience makes BPG 8508 suitable for high demanding conditions in all industries. Suitable for steam, gases, hydrocarbons and aggressive (non-oxidizing) media.

TYPICAL PHYSICAL PROPERTIES

Sheet Size	1000 × 1000 mm 1500 × 1500 mm on demand
Sheet Thickness	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	40 %
Recovery – ASTM F36A	15 %
Sulphur content	< 1200 ppm
Chlorine content	< 50 ppm

OPERATION PARAMETERS

Temperature	– 200 °C up to + 500°C in steam + 550°C
Pressure	130 bar

PRODUCT SPECIFICATIONS

Certifications/approvals	On demand
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BENEFITS

- No hardening or ageing due to absence of binders
- Long term stability of compression and recovery against media

- Due to its insert easy handling and offers more safety during installation