

BPG 7888



PROPERTIES

This low fugitive emission valve packing set is based on engineered end rings braided by wire reinforced expanded pure graphite yarns. The middle rings are based on uniquely impregnated expanded graphite rings in different densities. All single components are additionally impregnated to further improve sealability and frictional behavior.

APPLICATIONS

Our BPG 7888 sealing set is designed for use in low fugitive emission valve applications.

OPERATION PARAMETERS

Speed	2 m/s
Temperature	-200°C ... +450°C (most media) -200°C ... +550°C (steam)
pH Value	0 ... 14
Pressure	45 MPa

PRODUCT SPECIFICATIONS

Media	Most chemicals (solvents, hydrocarbons, acids*, lyes), steam, alcohols, oils etc.
Certificates / Approvals	TA-Luft, ISO 15848, API 622

*Exceptions: strongly oxidising acids like sulphuric acid and nitric acid in high concentrations

BENEFITS

- Full compliance to latest Fugitive Emission regulations
- High temperature and chemical resistance
- Low compression required due to optimized ring configuration
- Good extrusion resistance even at high pressures
- Improved sealing effect provided by selected materials and improved impregnation
- Permanent elasticity