

BPG 7290



PROPERTIES

This packing is designed with braided end rings of expanded pure graphite reinforced by carbon yarn corners for added strength. It features high-density expanded graphite disks with a permeation barrier, uniquely impregnated high-density graphite adapter rings, and a low-density graphite sealing ring with a special friction-reducing coating. Engineered for Fugitive Emission Control (FEC) service, it delivers exceptional sealing integrity and reliability under the most demanding conditions.

APPLICATIONS

The product is designed for use in valve applications.

OPERATION PARAMETERS

Speed	2 m/s
Temperature	-200°C ... +400°C (most media) -200°C ... +550°C (steam)
pH Value	0 ... 14
Pressure	30 MPa

PRODUCT SPECIFICATIONS

Media	Most chemicals (solvents, hydrocarbons, acids, lyes), alcohols, water, oils etc. Exceptions: strongly oxidising acids such as sulphuric and nitric acid in high concentrations.
Certificates / Approvals	TA-Luft, ISO 15848, API 622, API 589 (Fire Safe)

BENEFITS

- Up to 80% lower friction than standard expanded graphite systems
- Very low spindle torque even at high temperatures

- Requires minimal compression due to optimized force deflection