

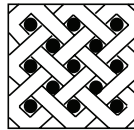


Product Description

John Crane Style G581EP is a fugitive emission control packing certified to API 622 3rd edition. This low-leakage packing made of high-purity graphite is engineered to withstand high temperature applications with minimal weight loss and corrosion. G581EP is most ideal for volatile organic compounds (VOC), hydrocarbons and steam applications.

Construction/Features

Manufactured from high-purity, high-quality flexible graphite yarn strands over knitted Inconel®* wire for superior tensile strength and extrusion resistance. G581EP contains a passive corrosion inhibitor to prevent stem and valve damage. This material will ensure a longer packing life with excellent chemical and oxidation resistance.



* Inconel is a registered trademark of Inco Alloys International, Inc.

Applications

G581EP is recommended for a wide range of fluids, including most acids (except strong oxidizers), caustics, solvents, high-temperature steam, gases, hydrocarbons, pulp, paper stock, and water.

For valve service, these packings can be supplied as die-formed rings for high-volume assembly. They can also be supplied in spool form, simplifying valve repacking, since they can be cut to a specific size.

NOTE For additional application or product information, contact your local John Crane.

Performance Capabilities

Temperature: Up to 454°C/850°F (atmosphere)
Up to 650°C/1,200°F (steam)
Pressure: Up to 6,500 psi/450 bar (valve)
pH range: 0 to 14 (except strong oxidizers)

Industries Served

- Oil and Gas (refineries)
- Petrochemical
- Power Generation
- Chemical Processing
- Pulp and Paper

Standard Sizes

1/8" cross section through 1" with incremental increases of 1/16". Additional larger sizes plus metric dimensions readily available upon request.

Additional Packing Support Products Available

- Packing cutters and knives
- Cutting mandrels and installing bushings
- Packing removal hooks, tips and picks
- Tool kits of various sizes
- Lantern rings and lantern ring strips



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If the products featured will be used in a potentially dangerous and/or hazardous process, your John Crane representative should be consulted prior to their selection and use. In the interest of continuous development, John Crane Companies reserve the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made from PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO14001 Certified, details available on request.