



BELDAM CROSSLEY

Pump applications

Speed: 25 m/s
Temperature range: -240 to 500°C
Pressure: 10 bar

Valve applications

Temperature range: Inert gas conditions -200 to 1000°C
Steam -200 to 650°C
Oxidising environment -200 to 500°C

Maximum pressure: 200 bar

Reciprocating applications

Speed: 2 m/s
Temperature range: -200 to 450°C
Maximum pressure: 100 bar

Pilotpack 4010

Description

Manufactured from high purity graphite filament yarn impregnated with PTFE. This ensures that the packing has high thermal conductivity, very low friction and rapid heat dissipation, factors that ensure a long seal life. Pilotpack 4010 is excellent packing for use on rotating pumps, reciprocating pumps and valves on hot oils, hydrocarbons, chemicals, solvents, steam (saturated & superheated) in refineries, petro chemical, power generation and metal processing industries.

Applications

- Long sealing life for high temperature high pressure applications
- Inclusion of a corrosion inhibitor ensures stainless steel shafts do not suffer pitting
- Manufactured from highest quality pure graphite with minimal impurities
- High thermal conductivity and low friction properties ensure increased service life
- Easy to cut and install so can be used to replace moulded rings resulting in greatly reduced stock and cost

Chemical Compatibilities

For the pH range 0-14, the packing is chemically inert and suitable for steam. It should not be installed in strong oxidising environments such as hot concentrated nitric acid, highly concentrated sulphuric acid and molten alkali metals.

Sizes Available

All square sections from 3mm (1/8") to 25mm (1") are generally available from stock in differing lengths depending on the cross section. Larger and rectangular sections can also be manufactured to order. Pilotpack 4001 packing can also be supplied in preformed or die formed rings.

BELDAM CROSSLEY LTD | P.O. BOX 2141 | BOLTON | LANCASHIRE | BL6 9AS | UK
TEL: +44(0)1204 675700 | FAX: +44(0)1204675701 | EMAIL: sales@beldamcrossley.co.uk | Web: www.beldamcrossley.co.uk

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