



BELDAM CROSSLEY

Rotating applications

Speed: 25 m/s
 Temperature range: -100 to 290°C
 Max pressure: 20 bar

Valve applications

Speed: 2 m/s
 Temperature range: -100 to 290°C
 Max pressure: 350 bar

Reciprocating applications

Speed: 2 m/s
 Temperature range: -100 to 290°C
 Max pressure: 250 bar

Pilotpack 5035

Description

Pilotpack 5035 packing is manufactured from a superior performance graphited PTFE yarn in the core and seams with a high strength, high modulus meta-aramid yarn for the corners. When braided using the 'Crossplait' technique of manufacture, this produces packing that has high thermal conductivity core and seams so giving low operating temperatures, combined with the meta-aramid corners that produce excellent extrusion resistance. Pilotpack 5035 has been specially developed using graphited PTFE with high temperature lubricant that is an integral component of the yarn. The meta-aramid yarn is produced by a special process that ensures each single filament is covered by PTFE and a special lubricant. Using these two yarns together gives excellent operating life over a wide range of applications, especially in abrasive media.

Applications

- Designed to operate on high speed rotary and reciprocating applications
- Excellent extrusion resistance even at high speeds and pressures
- Minimal shaft wear combined with excellent abrasion and chemical resistance
- High temperature resistance combined with good dimensional stability
- Suitable for many applications including chemical slurry pumps

Chemical Compatibilities

For the pH range 1-14, the packing is chemically inert.

Sizes Available

All square sections are available 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 5035 packing can also be supplied in preformed or die formed rings.

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