

Pilotpack 7099 Packing



- Long sealing life for pump, mixer and reciprocating applications, even in aggressive media
- Excellent performance on abrasive media for rotating and reciprocating plant
- All products used in the manufacture are food grade compliant
- Suitable for many applications especially in paper and pulp, food and beverage, water treatment industries
- Approved by Water Research Council (WRAS ref no 0409510)

Description

High performance packing manufactured from a high tensile strength specialised acrylic yarn that is impregnated with PTFE. The packing is manufactured using the 'Crossplait' braid design and further impregnated with a food quality lubricant so ensuring a long service life, even in abrasive media applications. The specially developed high strength yarn has superior dimensional stability and chemical resistance.

Pilotpack 7099 is excellent packing for use in applications on rotating and reciprocating equipment operating on abrasive media in a wide variety of industries.

Approvals

Approved by Water Research Council (WRAS reference number 0409510) for use on hot or cold potable water up to 85°C.

Operating Parameters



Rotating applications

Speed: 15 m/s (2950 fpm)
Temperature range: -100 to 260°C (-150 to 500°F)
Maximum pressure: 20 bar (3940 psi)



Valve applications

Temperature range: -100 to 260°C (-150 to 500°F)
Maximum pressure: 100 bar (1450 psi)



Reciprocating applications

Speed: 2 m/s (390 fpm)
Temperature range: -100 to 260°C (-150 to 500°F)
Maximum pressure: 100 bar (1450 psi)

Chemical Compatibilities

For the pH range 1-13, the packing is chemically inert and suitable for steam but not fluorine and molten alkali metals.

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 7099 packing can also be supplied in preformed or die formed rings.



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