

## Pilotpack 3435 Packing



- Designed to operate on high speed rotary and reciprocating applications
- Operates at high pressure with normal gland clearances
- High speed operation possible due to excellent thermal conductivity combined with low coefficient of friction
- Frequency of adjustment is minimised and shaft abrasion kept to a minimum due to superior heat transfer properties removing heat from the shaft surface
- Minimal shaft wear combined with excellent abrasion and chemical resistance
- High temperature resistance combined with good dimensional stability
- Approved by Water Research Council (WRAS ref no 0409513)

### Description

Pilotpack 3435 Packing is manufactured from W L Gore GFO<sup>®</sup> yarn, then braided using the 'Crossplait' technique of manufacture. This produces packing that has high thermal conductivity removing heat from running surface, which ensures cooler running packing so increasing service life.

The GFO yarn has been specially developed using graphited PTFE with high temperature lubricant that is an integral component of the yarn. This process ensures that the lubricant remains part of the yarn and cannot be washed or leached out as can occur with some coated yarns

## Approvals

Approved by Water Research Council (WRAS reference number 0409513) for use on hot or cold potable water up to 85°C.

## Operating parameters



Rotating applications

Speed: 25 m/s (4920 fpm)  
Temperature range: -100 to 290°C (-150 to 550°F)  
Max pressure: 25 bar (360 psi)



Valve applications

Temperature range: -100 to 290°C (-150 to 550°F)  
Max pressure: 350 bar (5080 psi)



Reciprocating applications

Speed: 2 m/s (395 fpm)  
Temperature range: -100 to 290°C (-150 to 550°F)  
Max pressure: 200 bar (2900 psi)

## 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 3435 packing can also be supplied in preformed or die formed rings.



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