

Pilotpack 3400 Packing



- Manufactured from FDA approved materials
- Especially suitable for use in applications where a non contaminating packing is required
- Excellent heat transfer & heat dissipation properties ensure a cool running packing giving a longer seal life
- Suitable for pump, valve, reciprocating and static applications especially in pharmaceutical, food / beverage industries but also in fine chemicals & fine paper applications
- Manufactured from a superior pure ePTFE yarn that gives increased life over other PTFE yarns

Description

Specially developed high performance packing manufactured from an expanded PTFE yarn (ePTFE) consisting of pure PTFE containing highly refined lubricant & filler both of which are encapsulated in the ePTFE. This gives a yarn that has superior heat transfer properties and ensures the heat generated is rapidly removed. When this yarn is braided using the 'Crossplait' technique of manufacture, this gives superior packing that increases service life.

Pilotpack 3400 packing has been especially developed for use on pump, valve, reciprocating and static applications especially in pharmaceutical and food & beverage industries but also in fine chemicals & fine paper applications, or any application where any contamination cannot be tolerated.



Approvals

Pilotpack 3400 yarn is approved by the U.S. Food and Drugs Agency (FDA) for applications in the food and beverage industry. It is also widely accepted and used in the pharmaceutical industry.

Operating Parameters



Rotating applications

Speed: 20 m/s (3940 fpm)
Temperature range: -100 to 280°C (-150 to 535°F)
Maximum pressure: 20 bar (290 psi)



Valve applications

Temperature range: -100 to 280°C (-150 to 535°F)
Maximum pressure: 100 bar (1450 psi)



Reciprocating applications

Speed: 2 m/s (395 fpm)
Temperature range: -100 to 280°C (-150 to 535°F)
Maximum pressure: 100 bar (1450 psi)

Chemical Compatibilities

For the pH range 0-14, the packing is chemically inert. Suitable for all chemicals with the exception of fluorine and molten alkali metals.

Sizes Available

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



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