



PV40

GORE GFO FIBRE



PRESSURE	
30 bar	435 psi
60 bar	870 psi
120 bar	1740 psi
TEMPERATURE	
-200°C + 280°C	536°F
VELOCITY	
25 m/s	5000 ft/min
2 m/s	400 ft/min
1.5 m/s	300 ft/min
pH VALUE	
0 - 14	0 - 14

Design Description

The PV40 is manufactured from 100% Oz Seals Type GFO fibre. This newly developed outstanding yarn is very similar in material construction to the original GORE GFO fibre and has been manufactured to optimise performance at an improved cost.

GFO yarn is constructed from PTFE tape and Graphite interlocked to create a true synergy between those two premier packing materials. High temperature break-in and running lubricants are added to the yarns, prior to braiding in our CROSS-LOK lattice. The result is an exceptional process packing that often gives many times longer service life in the vast majority of applications. With the exception of high mechanical load (highly abrasive media or high pressure) or temperatures above PTFE's limit of 280°C, Oz Seals PV40 GFLON is the ultimate packing.

PV40 resists all chemicals across the entire pH range (except Oleum, Aqua Regia, Fuming Nitric Acid and Fluorine), is self-lubricating and does not shrink, neither hardens nor dries out. The packing is very cool running with exceptionally good thermal conductivity, thus practically eliminating shaft scoring.

Features

Used in pumps, valves, mixers and agitators. Especially de-signed for services involving surface speeds and temperatures higher than those normally specified for pure PTFE packings.

Can be safely used in all chemical pump applications with the exception of molten alkali metals, fluoride, fuming nitric acid and other strong oxidizing agents.

