

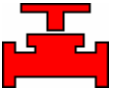
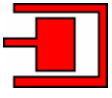



Vulcan Engineering Limited

Gland Packing Technical Sheet

VP2



| | | Service Capabilities | | |
|-----------------|------------------------|--|---|---|
| | |  Valve |  Piston |  Pump |
| Temperature | -200°C - +280°C | | | |
| Pressure Rating | 120 Bar | | | |
| Rotary Speed | 25 M/S | | | |
| pH Range | 0 - 14 | | | |

Never use the product when maximum temperature and pressure are combined

Product Information

VP2 packing is manufactured from 100% Vulcan Type G1 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.

G1 yarn is constructed from PTFE tape and graphite inter-locked to create a true synergy between these 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 gives, often many times, longer service life in the vast majority of applicants. With the exceptions if high mechanical load (highly abrasive media or high pressure) or temperatures above PTFE's limit of 280'c, Vulcan VP2 is the ultimate packing.

Vulcan VP2 resists all chemicals across the entire Ph range (except Oleum, Aqua, Regia, fuming Nitric Acid and Fluorine), is self lubricating and does not shrink, harden nor dry out. The packing is very cool running with exceptionally good thermal conductivity thus practically eliminating shaft scoring.

Applications

For use whatever the value of the best quality and material packing can be realised. Since the actual purchase cost of a packing is typically only 3% of the true utilisation cost, Vulcan recommend these PTFE GRAPHITE packings for all possible applications. They will increase service life whilst minimising wear and gland adjustments, against nearly all media in static, rotary and reciprocating uses.