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VP1 - PTFE GRAPHITE GLAND PACKING

SERVICE CAPABILITY

PRESSURE RATING : 1200 BAR
TEMPERATURE : up to +280°C
ROTARY SPEED : 25 metres per second
pH RANGE : 0 - 14

PRODUCT INFORMATION

VP1 is 100% GORE GFO fibre packing. This remarkable yarn is constructed from PTFE and graphite intimately blended and locked and then treated with a high temperature, break-in lubricant. VP1 is an outstanding packing for use in aggressive or arduous duties including most difficult chemical environments. It is essentially chemically inert over the entire pH range. The unique combination of locked graphite and PTFE creates a yarn with very high thermal conductivity, that does not harden, shrink, swell nor dry out and that is exceptionally smooth running with negligible shaft wear. User experience with GFO fibre has shown that, in practically all cases, greatly extended service life can be expected.

In order to obtain maximum benefit from this fibre, VP1 is square interbraided via a cross-lok process. The construction of VP1 increases durability of the packing and reduces the gland pressure required to form a seal. Periods between gland maintenance and packing replacement are thus even further extended and VP1's cross-lok braiding helps overcome extrusion problems, which can be the one negative of this fibre, particularly in lower quality braids.

APPLICATIONS

For use wherever the value of the best quality and material packing can be realised. We 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, and reciprocating uses.

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION