

Description

Stramek STK P1 is 100% GORE® 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. Stramek P1 is an outstanding packing for use in aggressive or arduous duties including the 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 that, in practically all cases, greatly extended service life can be expected.

In order to obtain maximum benefit from this fibre, Stramek P1 is square interbraided via a CROSS-LOK process. The

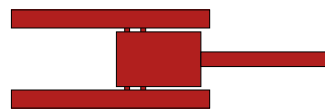
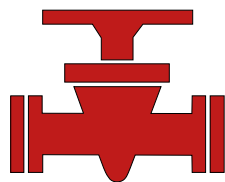
P1 is square interbraided via a CROSS-LOK process. The construction of STK P1 increases the durability of the packing and reduces the gland pressure required to perform a seal. Periods between gland maintenance and packing replacements are thus even further extended and STK P1 CROSS-LOK braiding helps overcome extrusion problems, which can be the one negative of this fibre, particularly in lower quality braids.

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, Stramek 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.

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Operating Limits



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