

PV30

HIGH PERFORMANCE SYNTHETIC FIBRE (KYNOL)



Features

A high performance packing that is well suited to applications where graphite impregnation may not be acceptable.

Suitable for abrasive media, and where contamination is not permitted. It has multiple uses in chemical plants and paper mills, and is regularly used in rotating and reciprocating pumps, washer journals, liquor pumps, refineries and digesters.

High stability of PV30 requires only occasional gland take-up and considerably little replacements. Compressibility adds life to PV30 and this means longer service life.



PRESSURE	
25 bar	435 psi
100 bar	1450 psi
200 bar	2900 psi
TEMPERATURE	
315°C	600°F
VELOCITY	
20 m/s	4000 ft/min
2 m/s	400 ft/min
1.5 m/s	300 ft/min
pH VALUE	
1 - 13	1 - 13

Design Description

Made of high-performance synthetic fibre (Kynol) and impregnated with special PTFE lubricants, PV30 has very good mechanical properties combining softness and strength. The packing has a natural golden sheen and is available in both spun-dyed orange and blue. Compared to ordinary aramid and PTFE, it has more benefits including:

- Thermal stability, low heat expansion
- High dimensional stability and superior pressure resistance even at elevated temperatures
- Good process ability, easy to cut and fit
- Outstanding chemical resistance, particularly acid media
- Excellent resistance to organic solvents, oil and fuels