



PV20

**PURE POLY
ACRYLIC NITRILE (PAN)**



PRESSURE	
30 bar	435 psi
60 bar*	870 psi
100 bar	1450 psi
TEMPERATURE	
-40 °c + 250°C	482°F
VELOCITY	
18 m/s	3600 ft/min
2 m/s	400 ft/min
1.5 m/s	300 ft/min
pH VALUE	
2 - 14	2 - 14

Design Description

PV20 is braided from pure Poly Acrylic Nitrile (P.A.N) fibres which are the basis of the outstanding capabilities and performance of PAN fibre packings.

To maximize the performance of this remarkable synthetic fibre, PV20 is thoroughly impregnated, yarn by yarn, with heavy PTFE dispersion and further treated with special lubricants. PV20 has been specially designed to replace PTFE asbestos packings, giving enhanced performance without the shaft wear problems of asbestos or the elevated costs of other synthetic fibres.

PV20 is a true, high specification, process industry packing. The combination of an exceptional packing fibre with advanced lubrication, gives a clean, smooth running packing, for extended life even at high shaft speeds and pressures within a wide pH and temperature range

Features

Wide variety of process plants including pumps, valves, mixers, reactor vessels and reciprocating applications.

Against general chemicals, solvents, oils, water and steam. A versatile packing for use in arduous conditions in process applications, especially where alternative packings contaminate, cause excessive wear or require frequent maintenance and replacement.

PV20 does not contaminate nor stain, making it particularly suitable for use in the food, water and paper industries. Braided from high strength PAN synthetic fibre preimpregnated with PTFE, and re-impregnated during square braiding.

It has excellent properties of sealing, lubricating and resistance to chemical. Excellent multi-service for a wide variety of uses throughout a plant.

