



VP70

CARBON YARNS

IMPREGNATED WITH PURE GRAPHITE



Features

Used for pumps or valves in high pressure and high temperature. Handles water, steam, acids and alkalis for power stations, refineries and boiler plants.

VP70 is commonly used in steam turbines, high temperature motor-actuated valves and for general high pressure, high temperature valve applications.



PRESSURE	
25 bar	362 psi
100 bar	1450 psi
200 bar	2900 psi
TEMPERATURE	
550°C	1022°F
VELOCITY	
20 m/s	4000 ft/min
2 m/s	400 ft/min
1.5 m/s	300 ft/min
pH VALUE	
2 - 12	2 - 12

Design Description

VP70 is square braided from high quality Carbon yarns impregnated with pure graphite, special high temperature lubricant sand Molybdenum Disulphide. The carbon yarns are densely braided to provide a near frictionless, self-lubricating seal.

Graphite powder provides non-migrating lubricant between the packing and the shaft. The non-glazing, high temperature lubricant protects during the packing break-in period.

The addition of Molybdenum Disulphide gives high temperature and high-pressure lubrication with shaft wear protection even when contact pressures between packing and shaft are excessive

