

VP50

GRAPHITE PACKING



Features

For use under extreme conditions, long life and zero leakage requirements for all uses, up to high temperature, high pressure, high speed applications on pumps, valves, mixers, agitators, expansion joints, ball valve seats and other static seals. Against all acids, alkalis, and solvents (except very strong oxidisers) gases, feed water and superheated, or saturated steam.

Corrosion inhibitor acts as a sacrificial anode to protect the valve's stem and the stuffing box. Used in valves, pumps, expansion joints, mixers and agitators in high-pressure, high-temperature hostile environments of hydro-carbon processing, pulp and paper, power stations, refineries and industries where effective sealing is vital.



PRESSURE	
20 bar	200 psi
20 bar	200 psi
150 bar	2175 psi
TEMPERATURE	
In air 600°C + inter 3000°C	5432°F
VELOCITY	
25 m/s	5000 ft/min
2 m/s	400 ft/min
1.5 m/s	300 ft/min
pH VALUE	
0 - 14	0 - 14

Design Description

VP50 EX GRAPH is pure braided expanded graphite packing constructed from 100% Graphite yarns to form truly exceptional capabilities and performance.

Under compression in the gland, VP50 die form into packing rings like V120, whilst offering the advantage of avoiding the need to laboriously wrap V110 ribbon tape around valve stems and the cost of an inventory of many sizes of individual V120 die formed rings.

VP50 can be merely cut to length and spiralled into the gland. There is no need for individual cut rings, as is the case with conventional braided packings. Graphite is self-lubricating and will not shrink nor dry out in use.