

V-PACK BRAIDED PACKING

V-Seal offer premium braided packing products for your application including Pure Graphite, Graphite with Inconel Wire Reinforcement and a Pure PTFE.

Our Braided Packing is available in multiple section sizes up to and including 25mm.



V-PACK 400G - Pure Graphite Braided Packing

V-PACK 400G is a premium packing braided from Expanded Graphite yarns. The compression packing material is suitable for high temperature applications and where thermal conductivity and low coefficient of friction is important.

Excellent in reducing shaft wear and providing excellent resistance to aggressive chemicals. It is particularly suitable for Reciprocating Pumps and Rams, Valve Stems, Centrifugal Pumps, Rotary Equipment, Tanks, Hatches, Lids and Doors.

Due to the flexible nature and high elasticity of V-PACK 400G, only minimum pressure is required to effect a seal.

V-PACK 400GI - Inconel Reinforced Graphite Braided Packing

Similar to V-PACK 400G, V-PACK 400GI is braided from a high purity Expanded Graphite yarn with the addition of an Inconel Wire reinforcement and a corrosion inhibitor to prevent pitting on the stems.

V-PACK 400GI has a long seal life and is suitable for high temperature and high pressure valves. It has high thermal conductivity and very low friction properties to extend the service life. It is used on Valves, Reciprocating pumps and static applications on steam in refineries, petrochemical, power generation and metal processing industries.

V-PACK 400P - Pure PTFE Braided Packing

V-Pack 420P is a braided packing manufactured using a thin Pure PTFE yarn and is a pure non-contaminating product. All components used in the manufacture of this material are FDA compliant to FDA 21 CFR 177.1210. The material is virtually resistant to all chemicals including strong acids and alkalis, has an extremely low level of friction, high compressive strength and is dimensionally stable. V-Pack 420P is well known for its use in the mechanical compression industry due to its flexibility for use in difficult applications.

Please consult our technical department for your individual applications.

V-PACK Braided Packing - Product Data

	Rotating
	Reciprocating
	Valve Stem

V-PACK 400G - Pure Graphite

	Pressure	Shaft Speed
	 20 bar	20 m/s
	 100 bar	2 m/s
	300 bar	2 m/s
Density	1.0 - 1.1g/cm ³	
Temperature	-220°C to 550°C (650° Intermittant)	
PH Range	0 - 14	

V-PACK 400GI - Inconel Reinforced Graphite

	Pressure	Shaft Speed
	 50 bar	20 m/s
	 400 bar	2 m/s
	400 bar	2 m/s
Density	1.05 - 1.35g/cm ³	
Temperature	-220°C to 550°C (650° Intermittant)	
PH Range	0 - 14	

V-PACK 420P - Pure PTFE

	Pressure	Shaft Speed
	 15 bar	10 m/s
	 100 bar	15 m/s
	150 bar	
Density	1.2g/cm ³	
Temperature	-150°C to 260°C	
PH Range	0 - 14	

Available Section Sizes

V-PACK Braided Packing is available as 8m long coils in the following square section sizes:

3mm	5mm	6.5mm
8mm	9.5mm	11mm
12.5mm	14mm	16mm
17.5mm	19mm	20mm
22mm	23.5mm	25mm

Other Sizes Available On Request.

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