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## VG4 - CARBON GRAPHITE GLAND PACKING

### SERVICE CAPABILITY

<b>PRESSURE RATING</b>	<b>: 300 BAR</b>
<b>TEMPERATURE</b>	<b>: up to +427°C (OXIDISING ENVIRONMENT)</b>
	<b>: up to +2760°C (INERT ENVIRONMENT)</b>
<b>ROTARY SPEED</b>	<b>: 20 metres per second</b>
<b>pH RANGE</b>	<b>: 0 - 14</b>

### PRODUCT INFORMATION

VG4 is a 100% pure Graphite packing which is capable of near universal application. VG4 is inter-braided from pure Graphite yarn impregnated fibre by fibre with pure Graphite powder. The Graphite powder increases the natural sealing effect of the Graphite yarns and act as a surface lubricant to produce a virtually non-scoring packing.

Graphite fibre is superior to any other yarn in the degree to which it combines outstanding packing properties, namely: excellent thermal conduction, smooth running, near universal chemical resistance and extreme temperature capability.

The use of VG4 pure Graphite fibre packing provides the opportunity to extend the use of the packed gland into extreme areas of speed, temperature and chemical resistance. In more normal applications, the quality of VG4 will result in the maintenance savings many times in excess of the actual packing cost.

### APPLICATIONS

For pumps and valves in extreme conditions or where the value of the best quality packing can be realised. Universal chemical resistance (sole exceptions are: fuming nitric acid, oleum, aqua Regia and fluorine).

Suitable and certified for use in nuclear power plants. Percentage of soluble chloride is less than 50 ppm.

**ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION**