

Data / Specification Sheet • Unipac 1



Novus Unipac 1

Service Capability

Pressure Rating: 300 bar	Rotary Speed: 1 m/s
Max Temperature Inert	427 deg. C
Max Temperature Oxidising	2000 deg. C
pH range:	0 – 14

Product Information

Novus Unipac 1 is a 100% pure Graphite packing which is capable of near universal application. Unipac 1 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 acts as a surface lubricant to produce a virtually non-scoring packing.

Exfoliated Graphite 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 utilisation of Unipac 1 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 Unipac 1 will result in maintenance savings many times in excess of the actual packing cost. Unipac is also good for reducing leakage and emissions saving money and protecting the environment,

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