



GRAPHITE PACKING PGT5 GR8848

Composition

- **High-Purity Expanded Graphite Yarn Braid Rings:** These rings ensure optimal sealing and corrosion resistance in the most challenging conditions.
- **Impregnated Graphite PAN Yarn Braid Wiper Rings:** These rings act as "cleaners," maintaining effective sealing and preventing fluid leakage.



Characteristics

The PGT5 GR8848 sealing set offers excellent performance in high-temperature environments. Thanks to its impregnation with pure graphite and the use of special components, it ensures a low tendency to leak and long-term operational durability. This gasket is designed to meet the needs of the most demanding industrial applications, offering reliability and longevity.

Applications

The PGT5 GR8848 braid is ideal for use as a gasket for industrial valves in steam, gas, and with a wide range of chemical and petroleum products. It is suitable for a wide variety of operating environments, excluding only environments with strong oxidants, providing a versatile and reliable sealing solution for industrial sealing needs.

Tech Data

	P bar	lbf/in ²	Vm/S	f/pm	pH	T °C	T °F
	200	3000	1	200	0 ÷ 14	-100 ÷ 450 / 650	-150 ÷ 840 / 1200
	100	1500	1	200			

- Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information
- The peak temperature can be sustained for short exposures
- With weakly oxidizing agents and hot air the temperature must be limited to 450 °C
- With steam and non-oxidizing fluids the temperature must be limited to 650 °C
- Graphite and carbon cannot be used with oxidizing fluids



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The Carrara graphite gland packing product range includes items made with all available graphite yarns, which, according to ASTM F2191 classification, are Type I—Continuous yarn, Type II—Staple yarn, and Type III—Flexible yarn. All graphite gland packings are protected with passive or active corrosion inhibitors (Grade A—Treated with corrosion inhibitor), although untreated gland packings (Grade B—No corrosion inhibitor) are available on demand. The performer and premium grade product ranges include Class 2 items, while the Industrial grade product range offers Class 1 products. Carrara graphite gland packings are specialized for each application, and a proper selection of the item allows for maximizing the sealing performance while reducing the component management costs.



The information in this publication, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice. The picture in the DS may not accurately depict the exact color and/or markings of the product.



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