



# GRAPHITE PACKING PGT7 GR48641

## Composition

The PGT7 GR48641 sealing set consists of rings made of expanded graphite braid. This material is renowned for its reliability and durability, ensuring effective sealing in the most demanding industrial applications.



## Characteristics

PGT7 GR48641 is a high-quality sealing set designed to excel in both high-temperature and cryogenic applications. With its robust construction and ability to adapt to extreme conditions, it delivers reliable and long-lasting performance in a wide range of operating environments.

## Applications

This sealing set is ideal for use as a low-friction gasket in a variety of industrial services, including steam, gas, chemical, and petroleum. It is particularly suitable for industrial valves and provides a reliable solution for effective sealing, excluding situations involving strong oxidizers.

## Tech Data

	P bar	lbf/in <sup>2</sup>	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

## Graphite Packing PGT7 GR48641

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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