GRAPHITE PACKING GR8800R

Composition

- PAN yarns nickel-alloy wire
- Graphite Powder
- Passive Inhibitor of Corrosion

Characteristics

GR8800R is a product with excellent performance, made with PAN graphite yarn, ensuring high-level performance in all'industrial applications, except for strongly oxidizing fluids. One of the main features of GR8800R is its high elastic recovery that does not regress with aging, allowing the product to maintain its sealing properties over time, ensuring long-lasting durability and constant safety. Additionally, GR8800R has been specially impregnated with a passive corrosion inhibitor that preserves the stems from corrosion. Thanks to these attributes, GR8800R is a high-quality product that combines excellent performance with safety characteristics.

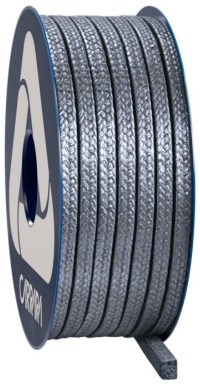
Applications

GR8800R is the ideal gasket for service valves used in high-temperature industrial steam, fluid, and gas applications. Thanks to its versatility, achieved through the use of PAN yarn, this packing can be successfully used with all chemicals except for highly oxidizing ones, and is one of the easiest and fastest solutions to install. However, it is recommended to avoid using this gasket with combustion gas and hot air over 450°C. With GR8800R, you can ensure maximum safety and durability for your industrial valves.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	300	4500	1	200	0 ÷ 14	-100 ÷ 450 / 650	-150 ÷ 840 / 1200

- Never use the product at its maximum rated temperature and pressure simultaneously. Consult the manufacturer for further information.
- The peak temperature can be sustained only for short exposure periods.
- When used with weakly oxidizing agents or hot air, the temperature shall not exceed **450 °C**.
- When used with steam or non-oxidizing fluids, the temperature shall not exceed **650 °C**.
- Flexible graphite and carbon yarn shall not be used with oxidizing fluids.



Graphite Packing GR8800R

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 provided in this publication, as well as that supplied to users in other forms, is based on our experience and communicated according to the best knowledge available. However, since numerous factors beyond our knowledge and control may influence the use of the products, no warranty, explicit or implicit, is given regarding such content. The operating limits indicated do not constitute confirmation that these values can be applied simultaneously. Avoid using the product at the maximum temperature and pressure limits. The maximum temperature is sustainable only for short periods under specific conditions. Specifications may be changed without notice. The images in the DS may not exactly represent the product, its color and/or marking.

CARRARA® GLOBAL SEALING SOLUTIONS

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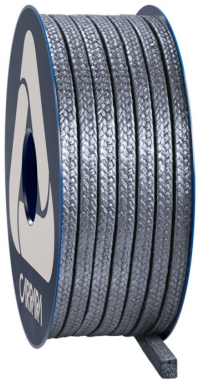
GRAPHITE PACKING GR8800R

sezione mm	sezione inch	kg/box	lbs/box	mt/box	ft/box	mt/kg	ft/lbs
3	1/8"	1	2.2	100.0	328.1	100.0	149.0
4	-	1	2.2	33.3	109.3	33.3	49.6
5	3/16"	1	2.2	25.0	82.0	25.0	37.2
6	-	2.5	5.5	50.0	164.0	20.0	29.8
6.5	1/4"	2.5	5.5	41.7	136.8	16.7	24.8
8	5/16"	2.5	5.5	27.8	91.2	11.1	16.6
9.5	3/8"	2.5	5.5	20.8	68.2	8.3	12.4
10	-	2.5	5.5	17.9	58.7	7.1	10.7
11	7/16"	2.5	5.5	14.8	48.6	5.9	8.8
12	-	2.5	5.5	12.5	41.0	5.0	7.4
12.7	1/2"	2.5	5.5	10.9	35.8	4.3	6.5
14	9/16"	5	11	17.9	58.7	3.6	5.3
16	5/8"	5	11	13.9	45.6	2.8	4.1
17.5	-	5	11	12.5	41.0	2.5	3.7
18	11/16"	5	11	11.1	36.4	2.2	3.3
19	3/4"	5	11	9.8	32.2	2.0	2.9
22	7/8"	5	11	7.9	25.9	1.6	2.4
25.5	1"	5	11	6.2	20.3	1.2	1.8



- The weight per meter and the packaging weight may have a tolerance of ±10%. Other sizes and packaging options are available on request.

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