# GRAPHITE PACKING - GR8800A

## Composition

PAN carbon yarns
Pure graphite powder
Inorganic inhibitor of corrosion

## Characteristics

PAN graphite yarn ensures high performance in all industrial applications except for highly oxidizing fluids. GR8800A combines safe use features with excellent quality, ensuring a high degree of elastic recovery that does not regress with aging. The special impregnation with passive corrosion inhibitor preserves the stems from corrosion. GR8800A is PTFE-free.

## Applications

GR8800A is a great graphite packing PTFE free suitable for steam, hydrocarbon and chemical products for static and dynamic applications as feed boiler pumps and soot blowers. Avoid the combustion gases over 450°C.

## Tech Data

| | P bar | Ibf/in2 | Vm/S | f/pm | pH | T°C | T°F |
|---|---|---|---|---|---|---|---|
| | 200 | 300 | 1 | 200 | 0 ÷ 14(3) | -100 ÷ 450 / 650 | -150 ÷ 840 / 1200 |
| | 20 | 300 | 2 | 400 | 0 ÷ 14(3) | -100 ÷ 450 / 650 | -150 ÷ 840 / 1200 |
| | 40 | 600 | 25 | 5000 | 0 ÷ 14(3) | -100 ÷ 450 / 650 | -150 ÷ 840 / 1200 |

- 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 - GR8800A

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 and otherwise provided to users is based on experience and is provided to the best of our current knowledge. Due to many factors which are beyond our knowledge and control affecting the use of the products, no warranties are given or are to be held implied with respect to such information. The operating limits shown in this publication do not constitute a statement that these values can be applied simultaneously. Do not use the product at the associated maximum temperature and pressure values. The maximum temperature can be sustained for short exposures in particular conditions. Specifications are subject to change without notice.

CARRARA®
GLOBAL SEALING SOLUTIONS

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# GRAPHITE PACKING - GR8800A

| size mm | size inch | kg/box | lbs/box | mt/box | ft/box | mt/kg | ft/lbs |
|---|---|---|---|---|---|---|---|
| 3,0 | 1/8 | 1,0 | 2,2 | 100,0 | 328,1 | 100,0 | 149,0 |
| 4,0 | - | 1,0 | 2,2 | 50,0 | 164,0 | 50,0 | 74,5 |
| 5,0 | 3/16 | 1,0 | 2,2 | 25,0 | 82,0 | 25,0 | 37,2 |
| 6,0 | - | 2,5 | 5,5 | 50,0 | 164,0 | 20,0 | 74,5 |
| 6,5 | 1/4 | 2,5 | 5,5 | 41,7 | 136,8 | 16,7 | 62,1 |
| 8,0 | 5/16 | 2,5 | 5,5 | 31,3 | 102,7 | 12,5 | 46,6 |
| 9,5 | 3/8 | 2,5 | 5,5 | 20,8 | 68,2 | 8,3 | 31,0 |
| 10,0 | - | 2,5 | 5,5 | 19,2 | 63,0 | 7,7 | 28,6 |
| 11,0 | 7/16 | 2,5 | 5,5 | 15,6 | 51,2 | 6,2 | 23,2 |
| 12,0 | - | 2,5 | 5,5 | 13,2 | 43,3 | 5,3 | 19,7 |
| 12,7 | 1/2 | 2,5 | 5,5 | 11,9 | 39,0 | 4,8 | 17,7 |
| 14,0 | 9/16 | 5,0 | 11,0 | 20,0 | 65,6 | 4,0 | 29,8 |
| 16,0 | 5/8 | 5,0 | 11,0 | 14,7 | 48,2 | 2,9 | 21,9 |
| 17,5 | 11/16 | 5,0 | 11,0 | 13,2 | 43,3 | 2,6 | 19,7 |
| 18,0 | - | 5,0 | 11,0 | 11,9 | 39,0 | 2,4 | 17,7 |
| 19,0 | 3/4 | 5,0 | 11,0 | 9,6 | 31,5 | 1,9 | 14,3 |
| 22,0 | 7/8 | 5,0 | 11,0 | 8,6 | 28,2 | 1,7 | 12,8 |
| 25,5 | 1 | 5,0 | 11,0 | 6,7 | 22,0 | 1,3 | 10,0 |

- The weight per meter and the packaging's weight may have a tolerance of +/- 10%. Other sizes and packaging are available on demand.

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