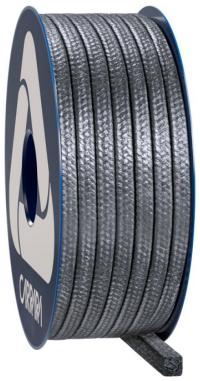
# CARBOGRAPH PACKING C8200

## Composition

Pre-oxidized PAN carbon yarns with impregnation of graphite.

## Characteristics

C8200 is the compressiona packing made with PAN pre-oxidized carbon yarns. The packing, easy to cut and install, is impregnated strand by strand with a special colloidal graphite compound for giving to its body extreme compactness and flexibility. It is also available in the style C8300R with metal reinforcement.



## Applications

C8200 is a versatile packing that can be used both for all static and dynamic services in the presence of steam, air, gas, oils, bitumen, petroleum and chemical products with the exception of those oxidizing and not compatible with graphite.

## Tech Data

| | P bar | lbf/in2 | Vm/S | f/pm | pH | T°C | T°F |
|---|---|---|---|---|---|---|---|
| | 200 | 3000 | 1 | 200 | 2 ÷ 12 | -50 ÷ 350 / 500 | -60 ÷ 660 / 940 |
| | 100 | 1500 | 2 | 400 | | | |
| | 40 | 600 | 20 | 4000 | | | |

- 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.
- Flexible graphite and carbon yarn shall not be used with oxidizing fluids.

## Carbograph Packing C8200

C8200 is a compression packing mainly for valve services in medium-high temperature with steam and hydrocarbons. It can also be used to seal the dynamic applications.

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.

GLOBAL SEALING SOLUTIONS

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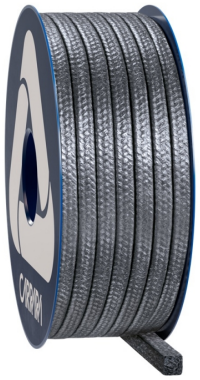
# CARBOGRAPH PACKING C8200

| 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 | 50.0 | 164.0 | 50.0 | 74.5 |
| 5 | 3/16" | 1 | 2.2 | 33.3 | 109.3 | 33.3 | 49.6 |
| 6 | - | 2.5 | 5.5 | 62.5 | 205.1 | 25.0 | 37.2 |
| 6.5 | 1/4" | 2.5 | 5.5 | 50.0 | 164.0 | 20.0 | 29.8 |
| 8 | 5/16" | 2.5 | 5.5 | 35.7 | 117.1 | 14.3 | 21.3 |
| 9.5 | 3/8" | 2.5 | 5.5 | 25.0 | 82.0 | 10.0 | 14.9 |
| 10 | - | 2.5 | 5.5 | 22.7 | 74.5 | 9.1 | 13.5 |
| 11 | 7/16" | 2.5 | 5.5 | 19.2 | 63.0 | 7.7 | 11.4 |
| 12 | - | 2.5 | 5.5 | 15.6 | 51.2 | 6.3 | 9.3 |
| 12.7 | 1/2" | 2.5 | 5.5 | 13.9 | 45.6 | 5.6 | 8.3 |
| 14 | 9/16" | 5 | 11 | 22.7 | 74.5 | 4.5 | 6.8 |
| 16 | 5/8" | 5 | 11 | 17.9 | 58.7 | 3.6 | 5.3 |
| 17.5 | - | 5 | 11 | 15.6 | 51.2 | 3.1 | 4.6 |
| 18 | 11/16" | 5 | 11 | 13.9 | 45.6 | 2.8 | 4.1 |
| 19 | 3/4" | 5 | 11 | 12.5 | 41.0 | 2.5 | 3.7 |
| 22 | 7/8" | 5 | 11 | 10.4 | 34.1 | 2.1 | 3.1 |
| 25.5 | 1" | 5 | 11 | 7.9 | 25.9 | 1.6 | 2.4 |



- 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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