



# CARBOGRAPH PACKING C8100

## Composition

PAN carbon yarns with graphite powder, MoS<sub>2</sub> lubricants.



## Characteristics

The compression packing C8100 is braided with pure carbon PAN yarns. This material gives to the packing a considerable flexibility and elasticity when installed for sealing the pumps. This packing is impregnated with high temperature lubricants loaded with graphite powder and MoS<sub>2</sub> to reduce the friction.

## Applications

The C8100 packing is specific for high temperature dynamic applications of fluids non oxidizing and compatible with the PAN yarns.

## Tech Data

|                                                                                     | P bar | lbf/in <sup>2</sup> | Vm/S | f/pm | pH     | T°C       | T°F       |
|-------------------------------------------------------------------------------------|-------|---------------------|------|------|--------|-----------|-----------|
|  | 100   | 1500                | 2    | 400  | 2 ÷ 12 | -60 ÷ 500 | -80 ÷ 940 |
|  | 40    | 600                 | 25   | 5000 |        |           |           |

- 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
- Graphite and carbon cannot be used with oxidizing fluids



## Carbohydr Packing C8100

C8100 is a special compression packing for dynamic applications. Thanks to the carbon yarns it has a great recovery and wear resistance guaranteeing the effectiveness of the sealing for a long time.



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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| sezione mm | sezione inch | kg/box | lbs/box | mt/box | ft/box | mt/kg | ft/lbs |
|------------|--------------|--------|---------|--------|--------|-------|--------|
| 3          | 1/8"         | 1      | 2.2     | 90.9   | 298.2  | 90.9  | 135.4  |
| 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      | 12.5   | 41.0   | 2.5   | 3.7    |
| 19         | 3/4"         | 5      | 11      | 10.4   | 34.1   | 2.1   | 3.1    |
| 22         | 7/8"         | 5      | 11      | 7.9    | 25.9   | 1.6   | 2.4    |
| 25.5       | 1"           | 5      | 11      | 13.9   | 45.6   | 2.8   | 4.1    |

- 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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