



CARBOGRAPH PACKING C8104L

Composition

Carbon yarns impregnated with PTFE and graphite powder.




Characteristics

The compression packing C8104L is braided with a special multifilament PAN yarns which have an high self-lubricating power. The packing is impregnated with a special mixture of PTFE filled with pure micronized graphite. The special production technique used is able to enhance the typical properties of the carbon yarns, giving to the C8104L great flexibility and wear resistance.

Applications

The C8104L braided packing is specific for centrifugal and reciprocating pumps, but It can work too for low pressure valves services. C8104L is suitable with all industrial fluids except the strong oxidizers and those incompatible with the graphite.

Tech Data

| | P bar | lbf/in2 | Vm/S | f/pm | pH | T°C | T°F |
|---|-------|---------|------|------|--------|-----------|-----------|
|  | 210 | 3150 | 2 | 400 | 1 ÷ 13 | -60 ÷ 280 | -80 ÷ 540 |
|  | 100 | 1500 | 2 | 400 | | | |
|  | 50 | 750 | 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



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C8104L is a packing for dynamic applications which can also be used in static services. It is therefore a versatile packing for general uses which thanks to the carbon yarns has great reliability and wear resistance.



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 | 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 | 31.3 | 102.7 | 12.5 | 18.7 |
| 9.5 | 3/8" | 2.5 | 5.5 | 26.3 | 86.3 | 10.5 | 15.7 |
| 10 | - | 2.5 | 5.5 | 25.0 | 82.0 | 10.0 | 14.9 |
| 11 | 7/16" | 2.5 | 5.5 | 20.8 | 68.2 | 8.3 | 12.4 |
| 12 | - | 2.5 | 5.5 | 16.7 | 54.8 | 6.7 | 10.0 |
| 12.7 | 1/2" | 2.5 | 5.5 | 15.6 | 51.2 | 6.3 | 9.3 |
| 14 | 9/16" | 5 | 11 | 25.0 | 82.0 | 5.0 | 7.4 |
| 16 | 5/8" | 5 | 11 | 19.2 | 63.0 | 3.8 | 5.7 |
| 17.5 | - | 5 | 11 | 17.2 | 56.4 | 3.4 | 5.1 |
| 18 | 11/16" | 5 | 11 | 15.2 | 49.9 | 3.0 | 4.5 |
| 19 | 3/4" | 5 | 11 | 13.9 | 45.6 | 2.8 | 4.1 |
| 22 | 7/8" | 5 | 11 | 7.5 | 24.6 | 1.5 | 2.2 |
| 25.5 | 1" | 5 | 11 | 7.9 | 25.9 | 1.6 | 2.4 |

- 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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