



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 |
|---|-------|---------|------|------|--------|-----------|-----------|
|  | 50 | 750 | 2 | 30 | 1 ÷ 13 | -60 ÷ 280 | -75 ÷ 540 |
|  | 100 | 1500 | 2 | 40 | | | |
|  | 20 | 300 | 25 | 500 | | | |

- 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 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.



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C8104L

| sezione mm | sezione inch | kg/box | lbs/box | mt/box | ft/box | mt/kg | ft/lbs |
|------------|--------------|--------|---------|--------|--------|-------|--------|
| 3 | 1/8 | 1 | 2.2 | 92.6 | 304 | 92.6 | 137.9 |
| 4 | - | 1 | 2.2 | 52.1 | 171 | 52.1 | 77.6 |
| 5 | 3/16 | 1 | 2.2 | 33.3 | 109 | 33.3 | 49.7 |
| 6 | - | 2.5 | 5.5 | 57.9 | 190 | 23.1 | 34.5 |
| 6.5 | 1/4 | 2.5 | 5.5 | 49.3 | 162 | 19.7 | 29.4 |
| 8 | 5/16 | 2.5 | 5.5 | 32.6 | 107 | 13 | 19.4 |
| 9.5 | 3/8 | 2.5 | 5.5 | 23.1 | 76 | 9.2 | 13.8 |
| 10 | - | 2.5 | 5.5 | 20.8 | 68 | 8.3 | 12.4 |
| 11 | 7/16 | 2.5 | 5.5 | 17.2 | 56 | 6.9 | 10.3 |
| 12 | - | 2.5 | 5.5 | 14.5 | 47 | 5.8 | 8.6 |
| 12.7 | 1/2 | 2.5 | 5.5 | 12.9 | 42 | 5.2 | 7.7 |
| 14 | 9/16 | 5 | 11 | 21.3 | 70 | 4.3 | 6.3 |
| 16 | 5/8 | 5 | 11 | 16.3 | 53 | 3.3 | 4.8 |
| 17.5 | 11/16 | 5 | 11 | 13.6 | 45 | 2.7 | 4.1 |
| 18 | - | 5 | 11 | 12.9 | 42 | 2.6 | 3.8 |
| 19 | 3/4 | 5 | 11 | 11.5 | 38 | 2.3 | 3.4 |
| 22 | 7/8 | 5 | 11 | 8.6 | 28 | 1.7 | 2.6 |
| 25.5 | 1 | 5 | 11 | 6.4 | 21 | 1.3 | 1.9 |

- 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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