



# PTFE GFO PACKING GF7700

## Composition

ePTFE yarns 100% GORE® GFO®

## Characteristics

The main feature of the compression packing style GF7700 is to combine the qualities of the ePTFE and this of the graphite. The encapsulation of graphite in the expanded PTFE stops the graphite's migration and reduces the thermal expansion of the packing.

## Applications

The gland packing style GF7700 100% GORE® GFO® is recommended for all dynamic applications and mainly for the centrifugal pumps. It is an excellent packing suitable for all industrial fluids with the exception of strong oxidants and those not compatible with PTFE and graphite. The compression packing style GF7700 is a packing flexible, resilient, easy to cut and install. Even today offers an unmatched performance in the sealing of pumps, agitators and mixers. It is marked to guarantee its originality 100% GORE® GFO.



## PTFE GFO Packing GF7700

The family of the PTFE articles include a wide range of braided packings that can cover all applications that require the use of this material. The PTFE yarn is commonly used in gland sealing systems, both in static and dynamic applications, thanks to the properties of this material, which ensures efficient and reliable sealing that can cover almost the entire pH range. The packings are available in both dry and lubricated configuration, in combination with other fibers such as aramid or with a rubber core.

## Tech Data

|  | P bar | lbf/in2 | Vm/S | f/pm | pH     | T°C        | T°F        |
|--|-------|---------|------|------|--------|------------|------------|
|  | 150   | 2250    | 2    | 400  | 0 ÷ 14 | -200 ÷ 280 | -330 ÷ 540 |
|  | 250   | 3750    | 2    | 400  |        |            |            |
|  | 25    | 375     | 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



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     | 50.0   | 164.0  | 50.0  | 74.5   |
| 4          | -            | 1      | 2.2     | 33.3   | 109.3  | 33.3  | 49.6   |
| 5          | 3/16"        | 1      | 2.2     | 25.0   | 82.0   | 25.0  | 37.2   |
| 6          | -            | 2.5    | 5.5     | 41.7   | 136.8  | 16.7  | 24.8   |
| 6.5        | 1/4"         | 2.5    | 5.5     | 35.7   | 117.1  | 14.3  | 21.3   |
| 8          | 5/16"        | 2.5    | 5.5     | 25.0   | 82.0   | 10.0  | 14.9   |
| 9.5        | 3/8"         | 2.5    | 5.5     | 17.9   | 58.7   | 7.1   | 10.7   |
| 10         | -            | 2.5    | 5.5     | 15.6   | 51.2   | 6.3   | 9.3    |
| 11         | 7/16"        | 2.5    | 5.5     | 13.2   | 43.3   | 5.3   | 7.9    |
| 12         | -            | 2.5    | 5.5     | 10.9   | 35.8   | 4.3   | 6.5    |
| 12.7       | 1/2"         | 2.5    | 5.5     | 9.6    | 31.5   | 3.8   | 5.7    |
| 14         | 9/16"        | 5      | 11      | 15.6   | 51.2   | 3.1   | 4.6    |
| 16         | 5/8"         | 5      | 11      | 12.2   | 40.0   | 2.4   | 3.6    |
| 17.5       | -            | 5      | 11      | 10.9   | 35.8   | 2.2   | 3.3    |
| 18         | 11/16"       | 5      | 11      | 9.6    | 31.5   | 1.9   | 2.9    |
| 19         | 3/4"         | 5      | 11      | 8.6    | 28.2   | 1.7   | 2.6    |
| 22         | 7/8"         | 5      | 11      | 6.8    | 22.3   | 1.4   | 2.0    |
| 25.5       | 1"           | 5      | 11      | 5.0    | 16.4   | 1.0   | 1.5    |

- 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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