



PTFE PACKING GF4770

Composition

egPTFE yarns with encapsulated graphite without further lubrication (egPTFE) by GORE®

Characteristics



The packing style GF4770 is made with 100% of pure GORE® yarns. This yarn without lubricant guarantees at the same time great resistance to the extrusion and reduced wear thanks to its low coefficient of friction.

Applications

The packing GF4770 is very versatile and can be used both on the valves and on the reciprocating pumps, for all services compatible with PTFE and graphite. The packing style GF4770 is a universal sealing, suitable for both valves and pumps, it is strongly recommended for high pressure reciprocating pumps with huge head. The packing style GF4770 has great performance guaranteeing safety and long service life.



Tech Data

| | P bar | lbf/in ² | Vm/S | f/pm | pH | T°C | T°F |
|---|-------|---------------------|------|------|--------|------------|------------|
|  | 500 | 7500 | 1 | 200 | 0 ÷ 14 | -200 ÷ 280 | -330 ÷ 540 |
|  | 200 | 3000 | 2 | 400 | | | |

- 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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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.



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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| sezione mm | sezione inch | kg/box | lbs/box | mt/box | ft/box | mt/kg | ft/lbs |
|------------|--------------|--------|---------|--------|--------|-------|--------|
| 3 | 1/8 | 1 | 2.2 | 85.5 | 280 | 85.5 | 127.3 |
| 4 | - | 1 | 2.2 | 48.1 | 158 | 48.1 | 71.6 |
| 5 | 3/16 | 1 | 2.2 | 30.8 | 101 | 30.8 | 45.8 |
| 6 | - | 2.5 | 5.5 | 53.4 | 175 | 21.4 | 31.8 |
| 6.5 | 1/4 | 2.5 | 5.5 | 45.5 | 149 | 18.2 | 27.1 |
| 8 | 5/16 | 2.5 | 5.5 | 30 | 99 | 12 | 17.9 |
| 9.5 | 3/8 | 2.5 | 5.5 | 21.3 | 70 | 8.5 | 12.7 |
| 10 | - | 2.5 | 5.5 | 19.2 | 63 | 7.7 | 11.5 |
| 11 | 7/16 | 2.5 | 5.5 | 15.9 | 52 | 6.4 | 9.5 |
| 12 | - | 2.5 | 5.5 | 13.4 | 44 | 5.3 | 8 |
| 12.7 | 1/2 | 2.5 | 5.5 | 11.9 | 39 | 4.8 | 7.1 |
| 14 | 9/16 | 5 | 11 | 19.6 | 64 | 3.9 | 5.8 |
| 16 | 5/8 | 5 | 11 | 15 | 49 | 3 | 4.5 |
| 17.5 | 11/16 | 5 | 11 | 12.6 | 41 | 2.5 | 3.7 |
| 18 | - | 5 | 11 | 11.9 | 39 | 2.4 | 3.5 |
| 19 | 3/4 | 5 | 11 | 10.7 | 35 | 2.1 | 3.2 |
| 22 | 7/8 | 5 | 11 | 7.9 | 26 | 1.6 | 2.4 |
| 25.5 | 1 | 5 | 11 | 5.9 | 19 | 1.2 | 1.8 |

- 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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