



# EGPTFE PACKING GL7000

## Composition

ePTFE yarns with encapsulated graphite and silicone lubricant.



## Characteristics

The compression packing for dynamic services style GL7000 is made with pure egPTFE yarns filled with graphite. The encapsulation of the graphite in the expanded PTFE reduces the its migration and mitigates the thermal expansion of the sealing, common to all PTFE packing.

## Applications

The egPTFE packing style GL7000 is recommended for all dynamic industrial applications. It is an excellent general purpose sealing suitable for all fluids with the exception of the strong oxidizers and those not compatible with the PTFE and the graphite. Its high elasticity and flexibility allow it to adapt perfectly to flanges and irregular surfaces, ensuring a secure and long-lasting seal. The compression packing style GL7000 is flexible, elastic, easy to cut and install. It is a universal braided packing egPTFE for pumps, agitators and mixers that provides reliable service and moderate shaft wear.

## Tech Data

|   | P bar | lbf/in2 | Vm/S | f/pm | pH     | T°C        | T°F        |
|---|-------|---------|------|------|--------|------------|------------|
|  | 200   | 3000    | 2    | 400  | 0 ÷ 14 | -200 ÷ 280 | -330 ÷ 540 |
|  | 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



## egPTFE Packing GL7000

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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| size mm | size inch | kg/box | lbs/box | mt/box | ft/box | mt/kg | ft/lbs |
|---------|-----------|--------|---------|--------|--------|-------|--------|
| 3       | 1/8       | 1      | 2.2     | 74.1   | 243    | 74.1  | 110.3  |
| 4       | -         | 1      | 2.2     | 41.7   | 137    | 41.7  | 62.1   |
| 5       | 3/16      | 1      | 2.2     | 26.7   | 87     | 26.7  | 39.7   |
| 6       | -         | 2.5    | 5.5     | 46.3   | 152    | 18.5  | 27.6   |
| 6.5     | 1/4       | 2.5    | 5.5     | 39.4   | 129    | 15.8  | 23.5   |
| 8       | 5/16      | 2.5    | 5.5     | 26     | 85     | 10.4  | 15.5   |
| 9.5     | 3/8       | 2.5    | 5.5     | 18.5   | 61     | 7.4   | 11     |
| 10      | -         | 2.5    | 5.5     | 16.7   | 55     | 6.7   | 9.9    |
| 11      | 7/16      | 2.5    | 5.5     | 13.8   | 45     | 5.5   | 8.2    |
| 12      | -         | 2.5    | 5.5     | 11.6   | 38     | 4.6   | 6.9    |
| 12.7    | 1/2       | 2.5    | 5.5     | 10.3   | 34     | 4.1   | 6.2    |
| 14      | 9/16      | 5      | 11      | 17     | 56     | 3.4   | 5.1    |
| 16      | 5/8       | 5      | 11      | 13     | 43     | 2.6   | 3.9    |
| 17.5    | 11/16     | 5      | 11      | 10.9   | 36     | 2.2   | 3.2    |
| 18      | -         | 5      | 11      | 10.3   | 34     | 2.1   | 3.1    |
| 19      | 3/4       | 5      | 11      | 9.2    | 30     | 1.8   | 2.8    |
| 22      | 7/8       | 5      | 11      | 6.9    | 23     | 1.4   | 2.1    |
| 25.5    | 1         | 5      | 11      | 5.1    | 17     | 1     | 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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