



PTFE PACKING - PT5504AL

Composition

Multifilament 100% PTFE yarn
Lubricant suitable for food service.




Characteristics

The PT5504AL packing is a reliable solution for dynamic applications that require the use of PTFE, it's recommended for food and pharma services. Made from pure PTFE multifilament yarn and formulated with a lubricant suitable for food service, this packing exhibits great versatility as it can be used for many services where PTFE is required. It is important to remember that minimum/maximum temperatures and maximum pressures should not be associated. With these features, PT5504AL is a dependable option to be used in all those applications that require high chemical resistance in almost the entire pH range.

Applications

The PTFE packing PT5504AL can be used with all acidic and basic fluids compatible with PTFE, for seals on reciprocating pumps, centrifuges, and moderate-speed agitators. Available in the PT5504L version for no food use and PT5500 OX for oxygen service, the PT5504AL braid guarantees high performance and is suitable for a wide range of applications.

Tech Data

| | P bar | lbf/in ² | Vm/S | f/pm | pH | T°C | T°F |
|---|-------|---------------------|------|------|--------|---------|----------|
|  | 20 | 300 | 1 | 200 | 0 ÷ 14 | 0 ÷ 280 | 32 ÷ 540 |
|  | 100 | 1500 | 2 | 400 | | | |
|  | 10 | 150 | 10 | 2000 | | | |

- 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



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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. White PTFE yarn is commonly used in gland sealing systems, both in static and dynamic applications with moderate-speed, 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. Among the special products are those intended for use with food and for oxygen service.



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 | 22.2 | 72.8 | 22.2 | 33.1 |
| 6 | - | 2.5 | 5.5 | 38.5 | 126.3 | 15.4 | 22.9 |
| 6.5 | 1/4" | 2.5 | 5.5 | 35.7 | 117.1 | 14.3 | 21.3 |
| 8 | 5/16" | 2.5 | 5.5 | 22.7 | 74.5 | 9.1 | 13.5 |
| 9.5 | 3/8" | 2.5 | 5.5 | 16.1 | 52.8 | 6.5 | 9.6 |
| 10 | - | 2.5 | 5.5 | 13.9 | 45.6 | 5.6 | 8.3 |
| 11 | 7/16" | 2.5 | 5.5 | 11.9 | 39.0 | 4.8 | 7.1 |
| 12 | - | 2.5 | 5.5 | 9.6 | 31.5 | 3.8 | 5.7 |
| 12.7 | 1/2" | 2.5 | 5.5 | 9.3 | 30.5 | 3.7 | 5.5 |
| 14 | 9/16" | 5 | 11 | 14.7 | 48.2 | 2.9 | 4.4 |
| 16 | 5/8" | 5 | 11 | 11.6 | 38.1 | 2.3 | 3.5 |
| 17.5 | - | 5 | 11 | 10.2 | 33.5 | 2.0 | 3.0 |
| 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 | 5.3 | 17.4 | 1.1 | 1.6 |

- 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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