



ARAMID PTFE PACKING PT5600K

Composition

Pure PTFE yarns
Aramid yarns




Characteristics

PT5600K is a packing braided with PTFE yarns in the core and Aramid yarn on the corners to improve the resistance. PT5600K is a packing suitable for reciprocating and centrifugal pumps, mixers and valves, with acids, solvents, abrasive substances in paper mills, in the food and chemicals industries.

Applications

The packing PT5600K is braided with pure PTFE GORE yarns and with aramidic yarns on the corners, in order to improve the mechanical resistance in high pressure or dry services. The PTFE and aramid fiber PT5600K can be used with all compatible acidic and basic fluids, both for sealing valve stems or static seals in general, and for sealing reciprocating pumps and low-speed agitators. Available in the striped version PT5656, the PT5600K braid guarantees high performance and is suitable for a wide range of static applications where fluid sealing is required in the presence of high pressures.

Tech Data

| | P bar | lbf/in2 | Vm/S | f/pm | pH | T°C | T°F |
|---|-------|---------|------|------|--------|------------|------------|
|  | 500 | 7500 | 1 | 200 | 3 ÷ 12 | -200 ÷ 280 | -330 ÷ 540 |
|  | 300 | 4500 | 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



Aramid PTFE Packing PT5600K

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, 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 | 20.0 | 65.6 | 20.0 | 29.8 |
| 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 | 16.7 | 54.8 | 6.7 | 10.0 |
| 10 | - | 2.5 | 5.5 | 14.7 | 48.2 | 5.9 | 8.8 |
| 11 | 7/16" | 2.5 | 5.5 | 11.9 | 39.0 | 4.8 | 7.1 |
| 12 | - | 2.5 | 5.5 | 10.0 | 32.8 | 4.0 | 6.0 |
| 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 | 11.4 | 37.4 | 2.3 | 3.4 |
| 17.5 | - | 5 | 11 | 10.2 | 33.5 | 2.0 | 3.0 |
| 18 | 11/16" | 5 | 11 | 10.9 | 35.8 | 2.2 | 3.3 |
| 19 | 3/4" | 5 | 11 | 9.8 | 32.2 | 2.0 | 2.9 |
| 22 | 7/8" | 5 | 11 | 6.5 | 21.3 | 1.3 | 1.9 |
| 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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