



# G4 GORE ARAMID PACKING GF4600KS

## Composition

GORE® egPTFE yarns  
Aramid yarns



## Characteristics

The packing style GF4600KS is braided with pure GORE® egPTFE yarns and aramid yarns on the corners. the GORE® yarn consists of expanded PTFE with encapsulated graphite, without any lubricants. The packing GF4600KS offers great resistance to extrusion and wear thanks to its ultra-dense body and its very low coefficient of friction.

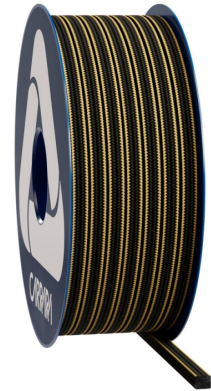
## Applications

The compression packing style GF4600KS is recommended for high pressure reciprocating pumps and it is suitable for all industrial fluids in the pH range 3 ÷ 12 which are compatible with the aramid, graphite and PTFE. The braided packing style GF4600KS has been designed for the huge industrial reciprocating pumps with great head. The sealing of this type of pumps is very stressed due to the high pressure and often to the high temperature too. The packing GF4600KS meets high quality standards to ensure safety and long service life.

## Tech Data

|   | P bar | lbf/in2 | Vm/S | f/pm | pH     | T°C        | T°F        |
|---|-------|---------|------|------|--------|------------|------------|
|  | 500   | 7500    | 3    | 600  | 3 ÷ 12 | -100 ÷ 250 | -150 ÷ 480 |
|  | 25    | 375     | 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
- Graphite and carbon cannot be used with oxidizing fluids



## G4 GORE Aramid Packing GF4600KS

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.

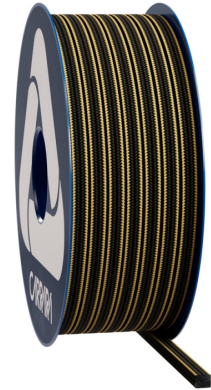


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| sezione mm | sezione inch | kg/box | lbs/box | mt/box | ft/box | mt/kg | ft/lbs |
|------------|--------------|--------|---------|--------|--------|-------|--------|
| 3          | 1/8"         | 1      | 2.2     | 76.9   | 252.3  | 76.9  | 114.5  |
| 4          | -            | 1      | 2.2     | 43.5   | 142.7  | 43.5  | 64.8   |
| 5          | 3/16"        | 1      | 2.2     | 27.8   | 91.2   | 27.8  | 41.4   |
| 6          | -            | 2.5    | 5.5     | 50.0   | 164.0  | 20.0  | 29.8   |
| 6.5        | 1/4"         | 2.5    | 5.5     | 41.7   | 136.8  | 16.7  | 24.8   |
| 8          | 5/16"        | 2.5    | 5.5     | 27.8   | 91.2   | 11.1  | 16.6   |
| 9.5        | 3/8"         | 2.5    | 5.5     | 19.5   | 64.0   | 7.8   | 11.6   |
| 10         | -            | 2.5    | 5.5     | 17.6   | 57.7   | 7.0   | 10.5   |
| 11         | 7/16"        | 2.5    | 5.5     | 15.6   | 51.2   | 6.3   | 9.3    |
| 12         | -            | 2.5    | 5.5     | 14.7   | 48.2   | 5.9   | 8.8    |
| 12.7       | 1/2"         | 2.5    | 5.5     | 13.2   | 43.3   | 5.3   | 7.9    |
| 14         | 9/16"        | 5      | 11      | 18.0   | 59.1   | 3.6   | 5.4    |
| 16         | 5/8"         | 5      | 11      | 13.8   | 45.3   | 2.8   | 4.1    |
| 17.5       | -            | 5      | 11      | 12.2   | 40.0   | 2.4   | 3.6    |
| 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      | 7.3    | 24.0   | 1.5   | 2.2    |
| 25.5       | 1"           | 5      | 11      | 5.4    | 17.7   | 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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