



ARAMID PACKING KD6604

Composition

Long fiber aramid yarn
PTFE impregnation
Silicone-free lubricant



Characteristics

KD6604 is a special packing made entirely of long fiber discontinuous aramid yarn. The characteristic of this yarn is its high toughness and abrasion resistance. The impregnation process takes place in three stages: one on the yarn, a second during braiding, and the third on the surface of the braided product. KD6604 is a 100% aramid fiber braid that is excellent for versatility and safety of use. It can be applied to any type of pump, mixer, or agitator in the paper, food, and industrial sectors.

Applications

KD6604 is an aramid packing for pumps used for lifting water, wastewater, and slurry services. KD6604 is a universal braid that is easy to use and applicable in every dynamic context where resistance must be combined with maximum flexibility. It can be installed on mixers and in many low-speed dynamic applications in the absence of fluids such as horizontal ovens. KD6604 is the braid made with long fiber aramid yarn. PTFE impregnation and lubricants are carried out in three stages: on the yarn, during braiding, and on the body of the braid.

Tech Data

| | P bar | lbf/in ² | Vm/S | f/pm | pH | T°C | T°F |
|---|-------|---------------------|------|------|--------|------------|-----------|
|  | 80 | 1200 | 2 | 400 | 3 ÷ 12 | -100 ÷ 250 | -150/+480 |
|  | 15 | 225 | 15 | 3000 | 3 ÷ 12 | -100 ÷ 250 | -150/+480 |

- 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 range of aramid fiber products includes a wide selection of braids and packings that can be used in numerous applications requiring the use of this material. Aramid fiber yarn, both continuous and discontinuous, is used alone or in combination with other technical yarns to produce packings for gland sealing systems, both for static and dynamic applications. The properties of aramid fiber allow for efficient, reliable sealing that can cover a pH range of 3 to 12. Aramid fiber products are available in both dry and lubricated versions and can be combined with other fibers, such as GFO, PTFE, and PBI, 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.

 **CARRARA**
GLOBAL SEALING SOLUTIONS

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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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