



ARAMID KD6104

Composition

Discontinuous Aramid Yarn
PTFE Impregnation
Silicone-Free Lubricant



Characteristics

KD6104 is an aramid fiber packing made with twisted aramid fiber yarn. The impregnation occurs in 2 stages: one on the yarn, a second during the braiding process. The KD6104 packing is a universal use packing for dynamic applications with an excellent quality/price ratio.

Applications

The KD6104 aramid packing is a high-performing product designed for use in slurry service pumps that require reliable and durable sealing. The KD6104 packing meets these requirements thanks to its properties that ensure effective leak control. Another feature of the KD6104 packing is its low friction, which reduces wear on shafts and sleeves. This is an important advantage for pumps as wear on rotating parts can cause leaks and operational issues. Thanks to this feature, the KD6104 packing reduces the need for maintenance of mechanical parts.

Tech Data

| | P bar | lbf/in2 | Vm/S | f/pm | pH | T°C | T°F |
|---|-------|---------|------|------|--------|------------|------------|
|  | 100 | 1500 | 2 | 400 | 2 ÷ 12 | -100 ÷ 250 | -150 ÷ 480 |
|  | 15 | 225 | 20 | 4000 | | | |

- 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 KD6104

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

Carrara S.p.A.,
Via Provinciale 1/E - 25030 Adro - BS - Italia
tel. +39 030 7451121 / fax +39 030 7451130
www.carrara.it - info@carrara.it



ARAMID KD6104

| 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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