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.

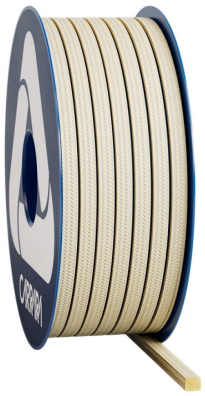
Applications

KD6604 is an aramid packing for pumps used for lifting water, wastewater, and slurry services. KD6604 is a universal braided packing that is easy to use and applicable in any 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/in2	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 at its maximum rated temperature and pressure simultaneously. Consult the manufacturer for further information.
- The peak temperature can be sustained only for short exposure periods.



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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.

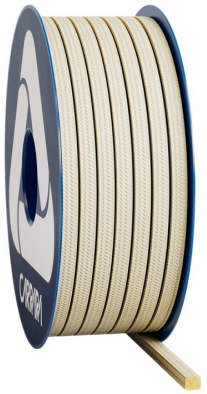
The information provided in this publication, as well as that supplied to users in other forms, is based on our experience and communicated according to the best knowledge available. However, since numerous factors beyond our knowledge and control may influence the use of the products, no warranty, explicit or implicit, is given regarding such content. The operating limits indicated do not constitute confirmation that these values can be applied simultaneously. Avoid using the product at the maximum temperature and pressure limits. The maximum temperature is sustainable only for short periods under specific conditions. Specifications may be changed without notice. The images in the DS may not exactly represent the product, its color and/or marking.

GLOBAL SEALING SOLUTIONS

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ARAMID PACKING KD6604

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	25.0	82.0	25.0	37.2
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	17.9	58.7	7.1	10.7
10	-	2.5	5.5	16.7	54.8	6.7	10.0
11	7/16"	2.5	5.5	13.9	45.6	5.6	8.3
12	-	2.5	5.5	11.4	37.4	4.5	6.8
12.7	1/2"	2.5	5.5	10.9	35.8	4.3	6.5
14	9/16"	5	11	16.7	54.8	3.3	5.0
16	5/8"	5	11	13.2	43.3	2.6	3.9
17.5	-	5	11	11.6	38.1	2.3	3.5
18	11/16"	5	11	10.0	32.8	2.0	3.0
19	3/4"	5	11	9.3	30.5	1.9	2.8
22	7/8"	5	11	7.4	24.3	1.5	2.2
25.5	1"	5	11	5.7	18.7	1.1	1.7



- The weight per meter and the packaging weight may have a tolerance of ±10%. Other sizes and packaging options are available on request.

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