



ARAMID GRAPH PACKING KD6607

Composition

Discontinuous aramid fiber yarn
Impregnated with graphite-based compound




Characteristics

The KD6607 aramid packing is a high-quality product made from twisted aramid fiber yarn impregnated with a high carbon content graphite solution on a per-yarn basis. Additionally, the graphite solution is additivated with a special high-temperature lubricant. Aramid fiber provides exceptional mechanical strength as well as greater durability and reliability. Thanks to its high tensile strength, the KD6607 packing can be used with highly abrasive fluids at high temperatures and pressures. The presence of a high carbon content graphite solution ensures greater smoothness and reduces friction between the packing and the shaft, thereby improving its efficiency and durability. Moreover, the special high-temperature lubricant ensures greater heat resistance, making this packing particularly suitable for high-temperature applications.

Applications

The combination of materials used for the KD6607 packing provides it with high performance and reliability in demanding working environments such as those found in reciprocating and centrifugal pumps and industrial valves. The KD6607 packing is particularly suitable for use with reciprocating and centrifugal pumps and industrial valves operating with fluids compatible with aramid fiber. Thanks to its technical characteristics, it is able to guarantee excellent sealing even under high pressure and high speed conditions, minimizing fluid leakage.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	100	1500	1	200	3 ÷ 12	-35 ÷ 260	-30 ÷ 500
	100	1500	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
- Graphite and carbon cannot be used with oxidizing fluids

Aramid Graph Packing KD6607

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, 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.



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 GRAPH PACKING KD6607

sezione mm	sezione inch	kg/box	lbs/box	mt/box	ft/box	mt/kg	ft/lbs
3	1/8"	1	2.2	100.0	328.1	100.0	149.0
4	-	1	2.2	50.0	164.0	50.0	74.5
5	3/16"	1	2.2	33.3	109.3	33.3	49.6
6	-	2.5	5.5	62.5	205.1	25.0	37.2
6.5	1/4"	2.5	5.5	53.2	174.5	21.3	31.7
8	5/16"	2.5	5.5	50.0	164.0	20.0	29.8
9.5	3/8"	2.5	5.5	25.0	82.0	10.0	14.9
10	-	2.5	5.5	22.7	74.5	9.1	13.5
11	7/16"	2.5	5.5	20.8	68.2	8.3	12.4
12	-	2.5	5.5	16.7	54.8	6.7	10.0
12.7	1/2"	2.5	5.5	15.6	51.2	6.3	9.3
14	9/16"	5	11	25.0	82.0	5.0	7.4
16	5/8"	5	11	19.2	63.0	3.8	5.7
17.5	-	5	11	17.2	56.4	3.4	5.1
18	11/16"	5	11	15.2	49.9	3.0	4.5
19	3/4"	5	11	13.9	45.6	2.8	4.1
22	7/8"	5	11	11.4	37.4	2.3	3.4
25.5	1"	5	11	8.9	29.2	1.8	2.7

- The weight per meter and the packaging's weight may have a tolerance of +/- 10%. Other sizes and packaging are available on demand.



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.



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