



# 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/in <sup>2</sup>	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 at its maximum rated temperature and pressure. Consult the manufacturer for further information.
- The peak temperature can be sustained only for short exposure periods.
- Flexible graphite and carbon yarns shall not be used with oxidizing fluids.

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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.



**Carrara S.p.A.**,  
Via Provinciale 1/E - 25030 Adro - BS - Italia  
tel. +39 030 7451121 [www.carrara.it](http://www.carrara.it) - [info@carrara.it](mailto:info@carrara.it)



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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	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 weight may have a tolerance of  $\pm 10\%$ . Other sizes and packaging options are available on request.



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