G4 GORE ARAMID PACKING GF4600KS

Composition

- GORE® egPTFE yarns
- Aramid yarns



Characteristics

The packing style GF4600KS is braided with pure GORE® egPTFE yarns and aramid yarns on the corners. the GORE® yarn consists of expanded PTFE with encapsulated graphite, without any lubricants. The packing GF4600KS offers great resistance to extrusion and wear thanks to its ultra-dense body and its very low coefficient of friction.

Applications

The compression packing style GF4600KS is recommended for high pressure reciprocating pumps and it is suitable for all industrial fluids in the pH range 3 ÷ 12 which are compatible with the aramid, graphite and PTFE. The braided packing style GF4600KS has been designed for the huge industrial reciprocating pumps with great head. The sealing of this type of pumps is very stressed due to the high pressure and often to the high temperature too. The packing GF4600KS meets high quality standards to ensure safety and long service life.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	500	7500	3	600	3 ÷ 12	-100 ÷ 250	-150 ÷ 480
	25	375	10	2000			

- 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.
- Flexible graphite and carbon yarn shall not be used with oxidizing fluids.

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The family of the PTFE articles include a wide range of braided packings that can cover all applications that require the use of this material.The PTFE yarn is commonly used in gland sealing systems, both in static and dynamic applications, thanks to the properties of this material, which ensures efficient and reliable sealing that can cover almost the entire pH range. The packings are available in both dry and lubricated configuration, in combination with other fibers such as aramid 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® GLOBAL SEALING SOLUTIONS

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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	76.9	252.3	76.9	114.5
4	-	1	2.2	43.5	142.7	43.5	64.8
5	3/16"	1	2.2	27.8	91.2	27.8	41.4
6	-	2.5	5.5	50.0	164.0	20.0	29.8
6.5	1/4"	2.5	5.5	41.7	136.8	16.7	24.8
8	5/16"	2.5	5.5	27.8	91.2	11.1	16.6
9.5	3/8"	2.5	5.5	19.5	64.0	7.8	11.6
10	-	2.5	5.5	17.6	57.7	7.0	10.5
11	7/16"	2.5	5.5	15.6	51.2	6.3	9.3
12	-	2.5	5.5	14.7	48.2	5.9	8.8
12.7	1/2"	2.5	5.5	13.2	43.3	5.3	7.9
14	9/16"	5	11	18.0	59.1	3.6	5.4
16	5/8"	5	11	13.8	45.3	2.8	4.1
17.5	-	5	11	12.2	40.0	2.4	3.6
18	11/16"	5	11	10.9	35.8	2.2	3.3
19	3/4"	5	11	9.8	32.2	2.0	2.9
22	7/8"	5	11	7.3	24.0	1.5	2.2
25.5	1"	5	11	5.4	17.7	1.1	1.6



- 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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