

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 $3 \div 12$ 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	рН	т°С	T°F	
F	500	7500	3	600	3 ÷ 12	-100 ÷ 250	-150 ÷ 480	
®	25	375	10	2000			-130 ÷ 400	

- 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



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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.







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