PTFE PACKING GF4770

Composition

egPTFE yarns with encapsulated graphite without further lubrication (egPTFE) by GORE®

Characteristics

The packing style GF4770 is made with 100% of pure GORE® yarns. This yarn without lubricant guarantees at the same time great resistance to the extrusion and reduced wear thanks to its low coefficient of friction. The packing style GF4770 is a universal sealing, suitable for both valves and pumps, it is strongly recommended for high pressure reciprocating pumps with huge head. The packing style GF4770 has great performance guaranteeing safety and long service life.

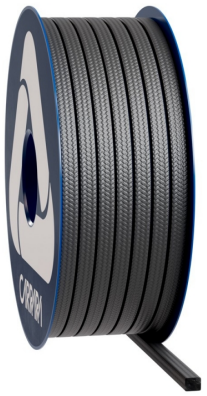
Applications

The packing GF4770 is very versatile and can be used both on the valves and on the reciprocating pumps, for all services compatible with PTFE and graphite.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	500	7500	1	200	0 ÷ 14	-200 ÷ 280	-330 ÷ 540
	800	12000	3	600			
	30	450	8	1600			

- 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.

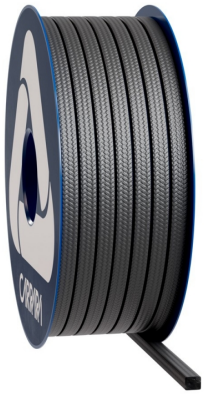
The information provided in this publication, as well as that supplied to users in other forms, is based on our experience and communicated according to the best knowledge available. However, since numerous factors beyond our knowledge and control may influence the use of the products, no warranty, explicit 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.

GLOBAL SEALING SOLUTIONS

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PTFE PACKING GF4770

sezione mm	sezione inch	kg/box	lbs/box	mt/box	ft/box	mt/kg	ft/lbs
3	1/8"	1	2.2	100.0	304.8	100.0	138.4
4	-	1	2.2	50.0	152.4	50.0	69.2
5	3/16"	1	2.2	25.0	76.2	25.0	34.6
6	-	2.5	5.5	50.0	152.4	20.0	27.7
6.5	1/4"	2.5	5.5	41.7	127.1	16.7	23.1
8	5/16"	2.5	5.5	31.3	95.4	12.5	17.3
9.5	3/8"	2.5	5.5	20.8	63.4	8.3	11.5
10	-	2.5	5.5	19.2	58.5	7.7	10.6
11	7/16"	2.5	5.5	15.6	47.5	6.3	8.6
12	-	2.5	5.5	13.2	40.2	5.3	7.3
12.7	1/2"	2.5	5.5	11.9	36.3	4.8	6.6
14	9/16"	5	11	20.0	61.0	4.0	5.5
16	5/8"	5	11	14.7	44.8	2.9	4.1
17.5	-	5	11	13.2	40.2	2.6	3.7
18	11/16"	5	11	11.9	36.3	2.4	3.3
19	3/4"	5	11	10.6	32.3	2.1	2.9
22	7/8"	5	11	8.6	26.2	1.7	2.4
25.5	1"	5	11	6.7	20.4	1.3	1.9



- 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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