



PTFE PACKING GF7500GB

Composition

egPTFE GORE® GFO® Yarn
PTFE Yarn
NBR Rubber Core


Characteristics

The GF7500GB pump packing, with an NBR rubber core, is composed of pure PTFE yarn combined with 100% GORE® GFO® PTFE expanded yarn with encapsulated graphite and silicone lubricant. The particularity of this yarn is to combine the advantages of PTFE and graphite. The encapsulation of the graphite in the expanded PTFE eliminates the migration of the graphite itself and mitigates the thermal expansion common to all PTFE packing.

Applications

The GF7500GB packing with an NBR rubber core, made with combined PTFE yarns (PTFE + egPTFE GORE® GFO®), is suitable for all centrifugal dynamic applications. It is an excellent general-purpose seal suitable for all industrial fluids except for strong oxidants and those not compatible with PTFE, graphite, and rubber. The GF7500GB packing 100% GORE® GFO® is flexible, elastic, easy to cut, and install.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	10	150	10	2000	3 ÷ 11	-35 ÷ 120	-30/+250

- The peak temperature can be sustained only for short exposure periods.
- Flexible graphite and carbon yarns shall not be used with oxidizing fluids.
- Do not use the product at maximum temperature values or under pressures higher than those typical of flue gases. Contact the manufacturer for further information.



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The PTFE product family includes a wide range of braids and packings capable of covering all applications that require the use of this material. PTFE yarn is commonly used in gland packing systems, both in static and dynamic applications, thanks to the properties of this material, which ensures efficient, reliable sealing and covers almost the entire pH range. Products are available in both dry and lubricated versions, combined with other fibers such as aramid fibers, 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 accurately represent the product's color and/or marking.



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PTFE PACKING GF7500GB

size mm	size inch	kg/box	lbs/box	mt/box	ft/box	mt/kg	ft/lbs
3,0	1/8	1,0	2,2	50,0	164,0	50,0	74,5
4,0	-	1,0	2,2	33,3	109,3	33,3	49,6
5,0	3/16	1,0	2,2	25,0	82,0	25,0	37,2
6,0	-	2,5	5,5	41,7	136,8	16,7	62,1
6,5	1/4	2,5	5,5	35,7	117,1	14,3	53,2
8,0	5/16	2,5	5,5	25,0	82,0	10,0	37,2
9,5	3/8	2,5	5,5	17,9	58,7	7,2	26,6
10,0	-	2,5	5,5	15,6	51,2	6,2	23,2
11,0	7/16	2,5	5,5	13,2	43,3	5,3	19,7
12,0	-	2,5	5,5	10,9	35,8	4,4	16,3
12,7	1/2	2,5	5,5	9,6	31,5	3,8	14,3
14,0	9/16	5,0	11,0	16,1	52,8	3,2	24,0
16,0	5/8	5,0	11,0	12,8	42,0	2,6	19,1
17,5	11/16	5,0	11,0	10,6	34,8	2,1	15,8
18,0	-	5,0	11,0	9,6	31,5	1,9	14,3
19,0	3/4	5,0	11,0	7,8	25,6	1,6	11,6
22,0	7/8	5,0	11,0	6,8	22,3	1,4	10,1
25,5	1	5,0	11,0	5,3	17,4	1,1	7,9

- 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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