EGPTFE PACKING GL7000

Composition

ePTFE yarns with encapsulated graphite and silicone lubricant.

Characteristics

The compression packing for dynamic services style GL7000 is made with pure egPTFE yarns filled with graphite. The encapsulation of the graphite in the expanded PTFE reduces the its migration and mitigates the thermal expansion of the sealing, common to all PTFE packing.

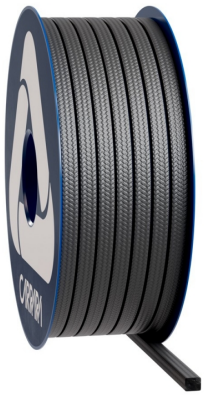
Applications

The egPTFE packing style GL7000 is recommended for all dynamic industrial applications. It is an excellent general purpose sealing suitable for all fluids with the exception of the strong oxidizers and those not compatible with the PTFE and the graphite. Its high elasticity and flexibility allow it to adapt perfectly to flanges and irregular surfaces, ensuring a secure and long-lasting seal. The compression packing style GL7000 is flexible, elastic, easy to cut and install. It is a universal braided packing egPTFE for pumps, agitators and mixers that provides reliable service and moderate shaft wear.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	200	3000	2	400	0 ÷ 14	-200 ÷ 280	-330 ÷ 540
	50	750	25	5000			

- 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.



egPTFE Packing GL7000

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.

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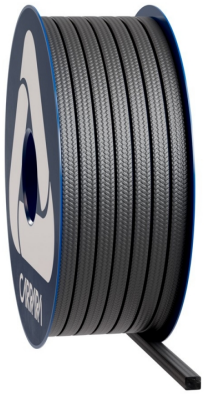
EGPTFE PACKING GL7000

Sezione mm	Sezione inch	Kg/box	Lbs/box	Mt/box	Ft/box	Mt/kg	Ft/lbs
3	1/8"	1	2.2	50.0	164.0	50.0	74.5
4	-	1	2.2	33.3	109.3	33.3	49.6
5	3/16"	1	2.2	25.0	82.0	25.0	37.2
6	-	2.5	5.5	41.7	136.8	16.7	24.8
6.5	1/4"	2.5	5.5	35.7	117.1	14.3	21.3
8	5/16"	2.5	5.5	25.0	82.0	10.0	14.9
9.5	3/8"	2.5	5.5	17.9	58.7	7.1	10.7
10	-	2.5	5.5	15.6	51.2	6.3	9.3
11	7/16"	2.5	5.5	13.2	43.3	5.3	7.9
12	-	2.5	5.5	10.9	35.8	4.3	6.5
12.7	1/2"	2.5	5.5	10.4	34.1	4.2	6.2
14	9/16"	5	11	16.1	52.8	3.2	4.8
16	5/8"	5	11	12.5	41.0	2.5	3.7
17.5	-	5	11	10.8	35.4	2.2	3.2
18	11/16"	5	11	9.6	31.5	1.9	2.9
19	3/4"	5	11	8.5	27.9	1.7	2.5
22	7/8"	5	11	6.8	22.3	1.4	2.0
25.5	1"	5	11	5.3	17.4	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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