PTFE PACKING PL5000L

Composition

- Multifilament 100% PTFE yarn
- Silicone-free inert lubricant

Characteristics

The PL5000L packing is a reliable solution for dynamic applications that require the use of PTFE. Made from pure PTFE multifilament yarn and formulated with a silicone-free lubricant additive, this packing exhibits great versatility as it can be used for many services where PTFE is required. It is important to remember that minimum/maximum temperatures and maximum pressures should not be associated. With these features, PL5000L is a dependable option to be used in all those applications that require high chemical resistance in almost the entire pH range.

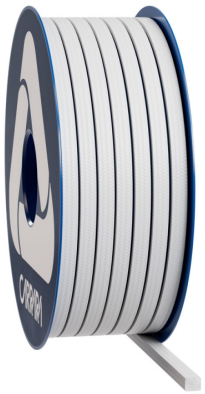
Applications

The PTFE packing PL5000L can be used with all acidic and basic fluids compatible with PTFE, for seals on reciprocating pumps, centrifuges, and moderate-speed agitators. Available in the PT5504AL superior version for food use and PT5500 OX for oxygen service, the PL5000L braid guarantees high performance and is suitable for a wide range of applications.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	20	300	1	200	0 ÷ 14	0 ÷ 280	32 ÷ 540
	100	1500	2	400			
	10	150	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.



PTFE Packing PL5000L

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. White PTFE yarn is commonly used in gland sealing systems, both in static and dynamic applications with moderate-speed, 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. Among the special products are those intended for use with food and for oxygen service.

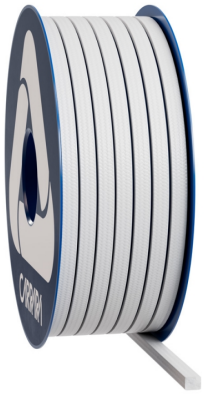
The information provided in this publication, as well as that supplied to users in other forms, is based on our experience and communicated according to the best knowledge available. However, since numerous factors beyond our knowledge and control may influence the use of the products, no warranty, explicit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

Carrara S.p.A.,
Via Provinciale 1/E - 25030 Adro - BS - Italia
tel. +39 030 7451121 carrara.it - info@carrara.it

PTFE PACKING PL5000L

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	25.0	82.0	25.0	37.2
5	3/16"	1	2.2	20.0	65.6	20.0	29.8
6	-	2.5	5.5	35.7	117.1	14.3	21.3
6.5	1/4"	2.5	5.5	31.3	102.7	12.5	18.7
8	5/16"	2.5	5.5	20.8	68.2	8.3	12.4
9.5	3/8"	2.5	5.5	14.7	48.2	5.9	8.8
10	-	2.5	5.5	13.3	43.6	5.3	7.9
11	7/16"	2.5	5.5	10.9	35.8	4.3	6.5
12	-	2.5	5.5	9.3	30.5	3.7	5.5
12.7	1/2"	2.5	5.5	8.1	26.6	3.2	4.8
14	9/16"	5	11	13.5	44.3	2.7	4.0
16	5/8"	5	11	10.0	32.8	2.0	3.0
17.5	-	5	11	9.1	29.9	1.8	2.7
18	11/16"	5	11	8.1	26.6	1.6	2.4
19	3/4"	5	11	7.2	23.6	1.4	2.1
22	7/8"	5	11	5.7	18.7	1.1	1.7
25.5	1"	5	11	4.4	14.4	0.9	1.3



- The weight per meter and the packaging weight may have a tolerance of ±10%. Other sizes and packaging options are available on request.

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

Carrara S.p.A.,
Via Provinciale 1/E - 25030 Adro - BS - Italia
tel. +39 030 7451121 carrara.it - info@carrara.it