



PTFE PACKING PT5500 OX BAM

Composition

100% PTFE Multifilament yarns for oxygen use


Characteristics

The PT5500 OX packing is a reliable solution for applications that require the use of PTFE. Made with pure PTFE multifilament yarns, this packing has obtained BAM approval for use with Gaseous Oxygen under specific conditions of $T_{max}=60^{\circ}\text{C}$ and $P_{max}=30$ Bar. This packing can also be used for normal services where the use of PTFE is required, up to a maximum temperature of $T=260^{\circ}\text{C}$. In addition, the PT5500 OX is suitable for use in cryogenic applications, with a maximum pressure of $P=500$ Bar, although it is important to remember that minimum/maximum temperatures and maximum pressures should not be associated. With these features, the PT5500 OX packing is a versatile and reliable option for applications that require a high level of sealing and resistance to high temperatures and pressures.

Applications

The PT5500 OX packing has been specifically designed for oxygen service applications and has obtained BAM approval for use with oxygen. In summary, the PT5500 OX packing is a highly specialized product that guarantees high performance and reliability in the field of oxygen service, but which also lends itself to a wide range of static applications where fluid sealing is required in the presence of high temperatures and pressures.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	30	450	1	200	0 ÷ 14	÷ 60	÷ 140

- 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



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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. 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 in this publication and otherwise provided to users is based on experience and is provided to the best of our current knowledge. Due to many factors which are beyond our knowledge and control affecting the use of the products, no warranties are given or are to be held implied with respect to such information. The operating limits shown in this publication do not constitute a statement that these values can be applied simultaneously. Do not use the product at the associated maximum temperature and pressure values. The maximum temperature can be sustained for short exposures in particular conditions. Specifications are subject to change without notice.

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size mm	size inch	kg/box	lbs/box	mt/box	ft/box	mt/kg	ft/lbs
3	1/8	1	2.2	61.7	203	61.7	91.9
4	-	1	2.2	34.7	114	34.7	51.7
5	3/16	1	2.2	22.2	73	22.2	33.1
6	-	2.5	5.5	38.6	127	15.4	23
6.5	1/4	2.5	5.5	32.9	108	13.1	19.6
8	5/16	2.5	5.5	21.7	71	8.7	12.9
9.5	3/8	2.5	5.5	15.4	50	6.2	9.2
10	-	2.5	5.5	13.9	46	5.6	8.3
11	7/16	2.5	5.5	11.5	38	4.6	6.8
12	-	2.5	5.5	9.6	32	3.9	5.7
12.7	1/2	2.5	5.5	8.6	28	3.4	5.1
14	9/16	5	11	14.2	46	2.8	4.2
16	5/8	5	11	10.9	36	2.2	3.2
17.5	11/16	5	11	9.1	30	1.8	2.7
18	-	5	11	8.6	28	1.7	2.6
19	3/4	5	11	7.7	25	1.5	2.3
22	7/8	5	11	5.7	19	1.1	1.7
25.5	1	5	11	4.3	14	0.9	1.3

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



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