



BADERNA PTFE PT5500 OXYGEN BAM

Composizione

Filato multifilamento 100% di PTFE

Caratteristiche

La treccia PT5500 OX è una soluzione affidabile per le applicazioni che richiedono l'utilizzo di PTFE. Realizzata con filato multifilamento di PTFE puro, questa baderna ha ottenuto l'approvazione BAM per l'uso con Ossigeno Gassoso in condizioni specifiche di $T_{max}=60^{\circ}\text{C}$ e $P_{max}=30$ Bar. Questa treccia può essere utilizzata anche per i normali servizi dove si richiede l'uso di PTFE, fino alla temperatura massima di $T=260^{\circ}\text{C}$. Inoltre, la PT5500 OX è adatta per l'utilizzo in campo criogenico, con una pressione massima di $P=500$ Bar, anche se è importante ricordare che le temperature minime/massime e le pressioni massime non devono essere associate. Con queste caratteristiche, la treccia PT5500 OX è un'opzione versatile e affidabile per le applicazioni che richiedono un alto livello di tenuta e resistenza alle alte temperature e pressioni.

Applicazioni

La baderna PT5500 OX è stata appositamente progettata per le applicazioni in servizio ossigeno e ha ottenuto l'approvazione BAM per l'impiego con ossigeno. In sintesi, la baderna PT5500 OX è un prodotto altamente specializzato, che garantisce elevate prestazioni e affidabilità in ambito di servizio ossigeno, ma che si presta anche ad un ampio spettro di applicazioni statiche in cui è richiesta la tenuta dei fluidi in presenza di alte temperature e pressioni.

Dati tecnici

	P bar	lbf/in ²	Vm/S	f/pm	pH	T°C	T°F
	30	450	1	200	0 ÷ 14	÷ 60	÷ 140

- Non utilizzare il prodotto ai valori massimi di temperatura e pressione associati senza prima consultare il produttore.
- La temperatura di picco può essere sostenuta per brevi esposizioni.



Baderna PTFE PT5500 OXYGEN BAM

Il product range Carrara di baderne PTFE comprende diverse configurazione per tutte le applicazioni industriali. Il filato di PTFE bianco è comunemente utilizzato nei sistemi di tenuta a baderna, sia in applicazioni statiche che dinamiche a velocità moderata, grazie alle sue proprietà, che garantiscono una tenuta efficiente e affidabile in quasi tutto l'intervallo di pH. Carrara dispone di un'ampia gamma di dimensioni e materiali pronti per la spedizione immediata. Visitate la nostra pagina [stock baderne](#).

TEST REPORT
On Testing a Nonmetallic Material for Reactivity with Oxygen

BAM reference 15019234 E
1st copy of 2 copies

Customer Carrara S.p.A.
Via Provinciale, 1/E, 25030 Adro (BS), Italy

Order date April 1, 2015

Reference P0 1510420

Receipt of order April 2, 2015

Test samples Packing material die-formed braided PTFE packing, style Carrara 2915500 OX, production batch 1510108, BAM Order-Nr. 2/152 695

Receipt of samples April 9, 2015

Test date April 17 to August 13, 2015

Test location BAM - Working Group "Safe Handling of Oxygen"; building no. 41, room no. 673 and no. 120

Test procedure according to ISO 21012:2014 and DIN EN 1797-2002-02
"Cryogenic Liquids - Guidance for the safe handling of oxygen and other cryogenic nonmetallic materials compatible with oxygen" by German Social Accident Insurance (DGUV) Institute for Prevention and Occupational Safety and Health and the Federal Institute for Materials Research and Testing (BAM);
"ISO 21012:2014:2014, IEC 60079-0:2014, IEC 60079-1:2014, IEC 60079-2-10:2014, IEC 60079-2-11:2014, IEC 60079-2-12:2014, IEC 60079-2-13:2014, IEC 60079-2-14:2014, IEC 60079-2-15:2014, IEC 60079-2-16:2014, IEC 60079-2-17:2014, IEC 60079-2-18:2014, IEC 60079-2-19:2014, IEC 60079-2-20:2014, IEC 60079-2-21:2014, IEC 60079-2-22:2014, IEC 60079-2-23:2014, IEC 60079-2-24:2014, IEC 60079-2-25:2014, IEC 60079-2-26:2014, IEC 60079-2-27:2014, IEC 60079-2-28:2014, IEC 60079-2-29:2014, IEC 60079-2-30:2014, IEC 60079-2-31:2014, IEC 60079-2-32:2014, IEC 60079-2-33:2014, IEC 60079-2-34:2014, IEC 60079-2-35:2014, IEC 60079-2-36:2014, IEC 60079-2-37:2014, IEC 60079-2-38:2014, IEC 60079-2-39:2014, IEC 60079-2-40:2014, IEC 60079-2-41:2014, IEC 60079-2-42:2014, IEC 60079-2-43:2014, IEC 60079-2-44:2014, IEC 60079-2-45:2014, IEC 60079-2-46:2014, IEC 60079-2-47:2014, IEC 60079-2-48:2014, IEC 60079-2-49:2014, IEC 60079-2-50:2014, IEC 60079-2-51:2014, IEC 60079-2-52:2014, IEC 60079-2-53:2014, IEC 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Sezione mm	Sezione inch	kg/box	lbs/box	mt/box	ft/box	mt/kg	ft/lbs
3	1/8"	1	2.2	58.8	192.9	58.8	87.6
4	-	1	2.2	37.0	121.4	37.0	55.1
5	3/16"	1	2.2	20.0	65.6	20.0	29.8
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	18.5	60.7	7.4	11.0
10	-	2.5	5.5	16.7	54.8	6.7	10.0
11	7/16"	2.5	5.5	13.9	45.6	5.6	8.3
12	-	2.5	5.5	11.4	37.4	4.5	6.8
12.7	1/2"	2.5	5.5	10.4	34.1	4.2	6.2
14	9/16"	5	11	17.2	56.4	3.4	5.1
16	5/8"	5	11	13.0	42.7	2.6	3.9
17.5	-	5	11	11.6	38.1	2.3	3.5
18	11/16"	5	11	10.2	33.5	2.0	3.0
19	3/4"	5	11	9.3	30.5	1.9	2.8
22	7/8"	5	11	6.9	22.6	1.4	2.1
25.5	1"	5	11	5.4	17.7	1.1	1.6

- I pesi al metro e quello della confezione possono presentare una tolleranza +/- 10 %. Sono disponibili a richiesta dimensioni e confezioni customizzate.



Le informazioni riportate in questa pubblicazione, così come quelle fornite in altre forme agli utenti, derivano dalla nostra esperienza e sono comunicate secondo le migliori conoscenze disponibili. Tuttavia, poiché numerosi fattori esterni alla nostra conoscenza e controllo possono influenzare l'impiego dei prodotti, non viene fornita alcuna garanzia, né esplicita né implicita, riguardo a tali contenuti. I limiti operativi indicati non costituiscono conferma che tali valori siano utilizzabili simultaneamente. Evitare l'uso del prodotto ai limiti massimi di temperatura e pressione. La temperatura massima è sostenibile solo per brevi periodi in condizioni specifiche. Le specifiche possono essere modificate senza preavviso. Le immagini nel DS potrebbero non rappresentare esattamente colore e/o marcatura del prodotto.

 **CARRARA**[®]
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