CARBOGRAPH PACKING C8104L

Composition

Carbon yarns impregnated with PTFE and graphite powder.

Characteristics

The compression packing C8104L is braided with a special multifilament PAN yarns which have an high self-lubricating power. The packing is impregnated with a special mixture of PTFE filled with pure micronized graphite. The special production technique used is able to enhance the typical properties of the carbon yarns, giving to the C8104L great flexibility and wear resistance.

Applications

The C8104L braided packing is specific for centrifugal and reciprocating pumps, but It can work too for low pressure valves services. C8104L is suitable with all industrial fluids except the strong oxidizers and those incompatible with the graphite.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	210	3150	2	400	1 ÷ 13	-60 ÷ 280	-80 ÷ 540
	100	1500	2	400			
	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.



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C8104L is a packing for dynamic applications which can also be used in static services. It is therefore a versatile packing for general uses which thanks to the carbon yarns has great reliability and wear resistance.

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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CARBOGRAPH PACKING C8104L

sezione mm	sezione inch	kg/box	lbs/box	mt/box	ft/box	mt/kg	ft/lbs
3	1/8"	1	2.2	100.0	328.1	100.0	149.0
4	-	1	2.2	50.0	164.0	50.0	74.5
5	3/16"	1	2.2	33.3	109.3	33.3	49.6
6	-	2.5	5.5	62.5	205.1	25.0	37.2
6.5	1/4"	2.5	5.5	50.0	164.0	20.0	29.8
8	5/16"	2.5	5.5	31.3	102.7	12.5	18.7
9.5	3/8"	2.5	5.5	26.3	86.3	10.5	15.7
10	-	2.5	5.5	25.0	82.0	10.0	14.9
11	7/16"	2.5	5.5	20.8	68.2	8.3	12.4
12	-	2.5	5.5	16.7	54.8	6.7	10.0
12.7	1/2"	2.5	5.5	15.6	51.2	6.3	9.3
14	9/16"	5	11	25.0	82.0	5.0	7.4
16	5/8"	5	11	19.2	63.0	3.8	5.7
17.5	-	5	11	17.2	56.4	3.4	5.1
18	11/16"	5	11	15.2	49.9	3.0	4.5
19	3/4"	5	11	13.9	45.6	2.8	4.1
22	7/8"	5	11	7.5	24.6	1.5	2.2
25.5	1"	5	11	7.9	25.9	1.6	2.4



- 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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