



CARBOGRAPH PACKING C8300R

Composition

Pre-oxidized PAN carbon yarns with metal reinforcement, impregnated with powder of graphite.

Characteristics

The graphite packing C8300R is braided with pre-oxidized PAN carbon yarns with metal reinforcement. The packing is impregnated strand by strand with a special colloidal graphite compound to give extreme compactness while ensuring flexibility to its body. It can be easily cut and installed and is also available in the C8200 version without metal reinforcement.

Applications

C8300R is a versatile compression packing that can be used for all static services in presence of steam, air, gas, oils, bitumen, petroleum and chemical products with the exception of those oxidizing and not compatible with graphite.



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C8300R is a packing for valves working in medium-high temperature services with steam and hydrocarbons.

Tech Data

	P bar	lbf/in ²	Vm/S	f/pm	pH	T°C	T°F
	200	3000	1	200	2 ÷ 12	-50 ÷ 350 / 500	-60 ÷ 660 / 940

- Never use the product at its maximum rated temperature and pressure. Consult the manufacturer for further information.
- The peak temperature can be sustained only for short exposure periods.
- Flexible graphite and carbon yarns shall not be used with oxidizing fluids.



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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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	50.0	164.0	20.0	29.8
6.5	1/4"	2.5	5.5	42.4	139.1	16.9	25.3
8	5/16"	2.5	5.5	31.3	102.7	12.5	18.7
9.5	3/8"	2.5	5.5	25.0	82.0	10.0	14.9
10	-	2.5	5.5	20.8	68.2	8.3	12.4
11	7/16"	2.5	5.5	17.9	58.7	7.1	10.7
12	-	2.5	5.5	13.9	45.6	5.6	8.3
12.7	1/2"	2.5	5.5	13.2	43.3	5.3	7.9
14	9/16"	5	11	21.7	71.2	4.3	6.5
16	5/8"	5	11	16.1	52.8	3.2	4.8
17.5	-	5	11	14.3	46.9	2.9	4.3
18	11/16"	5	11	12.5	41.0	2.5	3.7
19	3/4"	5	11	11.6	38.1	2.3	3.5
22	7/8"	5	11	9.4	30.8	1.9	2.8
25.5	1"	5	11	7.2	23.6	1.4	2.1

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



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