CARBOGRAPH PACKING INCOBRAID® C8207

Composition

Special PAN carbonized staple carbon yarns, blended with thousand of thin discontinuous metal fibres, impregnated with graphite and corrosion inhibitor.

Characteristics

Incobraid® C8207 is the compression packing braided with special carbonized staple carbon yarns impregnated in three stages, on the single yarn, during the braiding and on the body, with a mixture rich of graphite and inorganic corrosion inhibitor. Incobraid® C8207 is flexible, easy to install and guarantees the sealing thanks to its exceptional recovery.

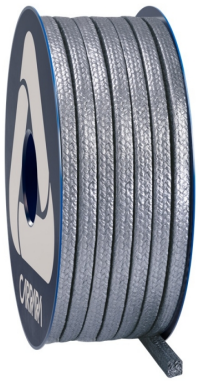
Applications

The compression packing Incobraid® C8207 is recommended for industrial valves in high temperature steam and hydrocarbons-chemicals services, with the exception of strong oxidants and fluids incombatible with graphite.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	200	3000	1	200	2 ÷ 12	-100 ÷ 350 / 500	-150 ÷ 660 / 940
	80	1200	2	400			

- 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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The compression packing Incobraid® includes the styles GR8807 and C8207. These packings are braided with the yarns, respectively graphitized and carbonized staple carbon yarns, based on the blending yarns technology. Incobraid® mixs the carbon fibers with thousand of discontinuous thin metal fibers. Finally, the metal content of the Incobraid® yarns is 25% by weight but they also retain a great flexibility and workability like the unreinforced yarns.

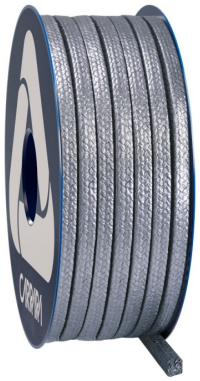
The information provided in this publication, as well as that supplied to users in other forms, is based on our experience and communicated according to the best knowledge available. However, since numerous factors beyond our knowledge and control may influence the use of the products, no warranty, explicit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

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CARBOGRAPH PACKING INCOBRAID® C8207

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	35.7	117.1	14.3	21.3
9.5	3/8"	2.5	5.5	25.0	82.0	10.0	14.9
10	-	2.5	5.5	22.7	74.5	9.1	13.5
11	7/16"	2.5	5.5	19.2	63.0	7.7	11.4
12	-	2.5	5.5	15.6	51.2	6.3	9.3
12.7	1/2"	2.5	5.5	13.9	45.6	5.6	8.3
14	9/16"	5	11	22.7	74.5	4.5	6.8
16	5/8"	5	11	17.9	58.7	3.6	5.3
17.5	-	5	11	15.6	51.2	3.1	4.6
18	11/16"	5	11	13.9	45.6	2.8	4.1
19	3/4"	5	11	12.5	41.0	2.5	3.7
22	7/8"	5	11	10.4	34.1	2.1	3.1
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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