



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 incompatible 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 to the maximum temperature and pressure associated. Consult the manufacturer for further information
- The peak temperature can be sustained for short exposures
- Graphite and carbon cannot 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® mixes 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 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.

 **CARRARA**
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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	101	331	101	150.5
4	-	1	2.2	56.8	186	56.8	84.6
5	3/16	1	2.2	36.4	119	36.4	54.2
6	-	2.5	5.5	63.1	207	25.3	37.6
6.5	1/4	2.5	5.5	53.8	176	21.5	32
8	5/16	2.5	5.5	35.5	117	14.2	21.2
9.5	3/8	2.5	5.5	25.2	83	10.1	15
10	-	2.5	5.5	22.7	75	9.1	13.5
11	7/16	2.5	5.5	18.8	62	7.5	11.2
12	-	2.5	5.5	15.8	52	6.3	9.4
12.7	1/2	2.5	5.5	14.1	46	5.6	8.4
14	9/16	5	11	23.2	76	4.6	6.9
16	5/8	5	11	17.8	58	3.6	5.3
17.5	11/16	5	11	14.8	49	3	4.4
18	-	5	11	14	46	2.8	4.2
19	3/4	5	11	12.6	41	2.5	3.8
22	7/8	5	11	9.4	31	1.9	2.8
25.5	1	5	11	7	23	1.4	2.1

- 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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