



EXPANDED GRAPHITE PACKING GR80SGR

Composition

The Gland Packing GR80SGR is braided with flexible expanded graphite strands Sigralflex®, impregnated one by one with a special compound of colloidal graphite, reach of passive inhibitor of corrosion and solid lubricants. This packing guarantees a very low weight loss (requirement EN 14772, section 6.7) and great sliding property. GR80SGR, that meets the Low Emission VDI 2440 requirements, is able to preserve for a long time the recovery and the sealing performance without retightening.

Characteristics

The graphite packing GR80SGR EVOLUTION is made with pure expanded graphite Sigralflex® Inconel® wire reinforced and impregnated with special compound of graphite, passive inhibitor of corrosion and solid lubricants.

Applications

Valve Packing

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T °C	T °F
	500	7500	1	200	0 ÷ 14	-200 ÷ 450 / 650	-330 ÷ 840 / 1200
	100	1500	2	300			

- 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
- With weakly oxidizing agents and hot air the temperature must be limited to 450 ° C
- With steam and non-oxidizing fluids the temperature must be limited to 650 ° C
- Graphite and carbon cannot be used with oxidizing fluids



Expanded Graphite Packing GR80SGR

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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.



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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	85.5	280.4	85.5	127.3
4	-	1	2.2	48.1	157.7	48.1	71.6
5	3/16	1	2.2	30.8	100.9	30.8	45.8
6	-	2.5	5.5	53.4	175.3	21.4	31.8
6.5	1/4	2.5	5.5	45.5	149.3	18.2	27.1
8	5/16	2.5	5.5	30	98.6	12	17.9
9.5	3/8	2.5	5.5	21.3	69.9	8.5	12.7
10	-	2.5	5.5	19.2	63.1	7.7	11.5
11	7/16	2.5	5.5	15.9	52.1	6.4	9.5
12	-	2.5	5.5	13.4	43.8	5.3	8
12.7	1/2	2.5	5.5	11.9	39.1	4.8	7.1
14	9/16	5	11	19.6	64.4	3.9	5.8
16	5/8	5	11	15	49.3	3	4.5
17.5	11/16	5	11	12.6	41.2	2.5	3.7
18	-	5	11	11.9	38.9	2.4	3.5
19	3/4	5	11	10.7	35	2.1	3.2
22	7/8	5	11	7.9	26.1	1.6	2.4
25.5	1	5	11	5.9	19.4	1.2	1.8

- 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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CARRARA
GLOBAL SEALING SOLUTIONS

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