




TECHNICAL DATA SHEET - CST 2240/04 - 23/01/2019

GR 80SGR

				
T	°C	-200 +450 (1) / +650 (2)		
p	bar	500	100	
V	m/s	1	1,5	
pH		0 ÷ 14(3)		



- (1) Temperature has to be lower than 450°C with mild oxidizers and hot air
- (2) With Steam
- (3) Avoid the strong oxidizers
- (4) Avoid the product's use at the maximum temperature and pressure associated values without consult the manufacturer

Composition

- Pure flexible graphite strands knitted Inconel® reinforcement
- Impregnation with special compound of colloidal graphite reach of passive inhibitor of corrosion and of solid lubricants

Features

GR80SGR is braided with flexible graphite strands, 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.

Applications

GR80SGR is specific for Low Emission and HP/HT services of Industrial Valves. Suitable also for reciprocating pumps sealing.

size mm	size inch	kg/box	lbs/box	mt/box	ft/box	mt/kg	ft/lbs
3,0	1/8	1,0	2,2	72	238	72,0	107,9
4,0	-	1,0	2,2	40	132	40,0	59,9
5,0	3/16	1,0	2,2	26	86	26,0	39,0
6,0	-	2,5	5,5	45	149	18,0	27,0
6,5	1/4	2,5	5,5	38	125	15,2	22,8
8,0	5/16	2,5	5,5	25	83	10,0	15,0
9,5	3/8	2,5	5,5	18	59	7,2	10,8
10,0	-	2,5	5,5	16	53	6,4	9,6
11,0	7/16	2,5	5,5	13	43	5,2	7,8
12,0	-	2,5	5,5	11	36	4,4	6,6
12,7	1/2	2,5	5,5	10	33	4,0	6,0
14,0	9/16	5,0	11,0	16	53	3,2	4,8
16,0	5/8	5,0	11,0	13	43	2,6	3,9
17,5	11/16	5,0	11,0	11	36	2,2	3,3
18,0	-	5,0	11,0	10	33	2,0	3,0
19,0	3/4	5,0	11,0	9	30	1,8	2,7
22,0	7/8	5,0	11,0	7	23	1,4	2,1
25,5	1	5,0	11,0	5	17	1,0	1,5

Packaged +/- 10 % in weight. Customized sizes and packaging are available on demand