






TECHNICAL DATA SHEET - CST 2240/03 - 29/09/2013

## GR 80SGR

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



- (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	85,5	280,4	85,5	127,3
4,0	-	1,0	2,2	48,1	157,7	48,1	71,6
5,0	3/16	1,0	2,2	30,8	100,9	30,8	45,8
6,0	-	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
8,0	5/16	2,5	5,5	30,0	98,6	12,0	17,9
9,5	3/8	2,5	5,5	21,3	69,9	8,5	12,7
10,0	-	2,5	5,5	19,2	63,1	7,7	11,5
11,0	7/16	2,5	5,5	15,9	52,1	6,4	9,5
12,0	-	2,5	5,5	13,4	43,8	5,3	8,0
12,7	1/2	2,5	5,5	11,9	39,1	4,8	7,1
14,0	9/16	5,0	11,0	19,6	64,4	3,9	5,8
16,0	5/8	5,0	11,0	15,0	49,3	3,0	4,5
17,5	11/16	5,0	11,0	12,6	41,2	2,5	3,7
18,0	-	5,0	11,0	11,9	38,9	2,4	3,5
19,0	3/4	5,0	11,0	10,7	35,0	2,1	3,2
22,0	7/8	5,0	11,0	7,9	26,1	1,6	2,4
25,5	1	5,0	11,0	5,9	19,4	1,2	1,8

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