


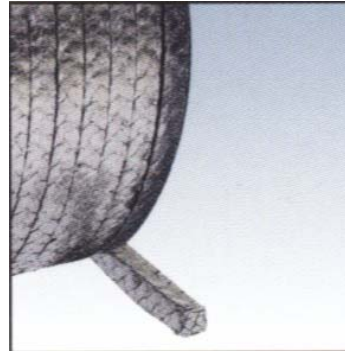




TECHNICAL DATA SHEET - CST 0380/01 - 23/07/2003

GR 48

(*)				
T	°C	-100 +450 (1) / +650 (2)		
p	bar	300 (3)		20
V	m/s	1		20
pH		0 ÷ 14		



- (1) with oxidizing media
- (2) with steam
- (3) suitable as middling rings
- (*) Do not use the product to the maximum temperature and pressure associated without consulting the manufacturer

Composition

- Pure mineral expanded graphite fiber C > 99%
- Chloride < 50 ppm
- Fluoride < 10 ppm
- Density 1.1 – 1.2 gr/cm³
- Ash content < 1 %

Features

GR 48 packing is manufactured from expanded pure graphite strands without addition of binders. The GR 48 has a high resistance to temperature and an excellent chemical compatibility. Suitable for shaft high peripheral speed, it resists to extreme tightening to very minimum leakage; in various cases it can replace mechanical seal.

Applications

Centrifugal pumps, feed water pumps and valves. Resistant to diathermic oils, acids, basis, aggressive chemical products and to the steam. To avoid with oleum, aqua regia, nitric fumaric acid and strong oxidizing.

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							