






TECHNICAL DATA SHEET - CST 0380/03 - 25/09/2013

GR 48

| | | | | |
|-----------|---------------|---|---|---|
| | |  |  |  |
| T | °C | -100 +450 (1) / +650 (2) | | |
| p | bar | 300 (3) | 20 | 40 |
| V | m/s | 1 | 2 | 25 |
| pH | 0 ÷ 14 | | | |

- (1) With mild oxidizing media
- (2) With steam
- (3) With the assistance of high pressure wiper rings
- (4) Avoid the strong oxidizers
- (5) Avoid the product's use at the maximum temperature and pressure value associated without consult the manufacturer

Composition

Pure mineral flexible graphite high Carbon content

Features

GR48 is braided with pure flexible graphite strands.

Applications

Packing specific to seal all kind of industrial valves working with all fluids and gases, except the strong oxidizers. Avoid combustion gases and hot air over 450°C. The valve's pressure has to be under 100 bar if the packing is not assisted by high pressure wiper rings. GR48 is suitable also for dynamic applications if assisted by harder wiper rings.

| 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