






AESSEAL PACKING STYLE 351

Braided from Expanded Graphite Tape with integrated Carbon fiber Reinforcement

Characteristics

- Wear and extrusion stability through Carbon fiber reinforcement
- Non hardening, good reset capability, coefficient of thermal expansion similar to steel
- High temperature resistant and excellent heat and electric conductivity
- Self lubricating, excellent use in pumps, minimizing the need for flushwater
- Easy to cut, assemble and disassemble
- No shaft wear, excellent dry running characteristics

Operating range

| |  |  |  |
|--------------------|---|---|---|
| p [psi] | 360 | 0 | 4350 |
| v [fpm] | 3940 | 0 | |
| t °F | -330 . . . +1020 | | |
| pH | 0 - 14 | | |
| lb/in ³ | 0.0361 | | |

Practical useful application data:
max. temperature in oxidizing
atmosphere: +750 °F

Main application

- Centrifugal pumps
- Valves
- Control valves
- Gate valves
- Steam
- High Pressure and Temperature Valves

Suitable for

- Power plant technology
- Boiler houses
- Chemical industry
- Pulp and paper industry



Form of delivery

This packing can be manufactured from 4 to 30 mm / 3/16" to 1.2" square as well as in intermediate, inch sizes and special measurements.

- 04-09 mm/3/16"-5/16" on 2 lbs spool
- 10-15 mm/3/8"-9/16" on 5 lbs spool
- 16-25 mm/5/8"-1" on 10 lbs spool

Special length, pre-cut or die formed rings on request.

1 lbs of packing of the following cross-sections is equivalent to displayed lengths in feet:

| Size | Feet | Size | Feet |
|------------|------|------------|------|
| 4 | 93.0 | 13 [1/2"] | 9.2 |
| 5 [3/16"] | 59.5 | 14 [9/16"] | 7.6 |
| 6 | 41.3 | 15 | 6.6 |
| 6.4 [1/4"] | 36.9 | 16 [5/8"] | 5.8 |
| 8 [5/16"] | 23.2 | 18 | 4.6 |
| 9.5 [3/8"] | 16.5 | 19 [3/4"] | 4.1 |
| 10 | 14.9 | 20 | 3.7 |
| 11 [7/16"] | 12.0 | 22 [7/8"] | 3.1 |
| 12 | 10.3 | 25 [1"] | 2.4 |

All technical information and advice is based on our experience and will be given most conscientiously but without any liability.

Indication and figures are for guidance only and need to be examined by the user. All sizes are subject to manufacturing tolerances. We reserve the right to modify specifications at any time. Please note that the technical values cannot be used all at the same time in their maximum values.