






A 37 GraphoFlon

Braided from Expanded Graphite Tape Reinforced with Inconel Matrix and special PTFE impregnation

Characteristics

- No slip stick effect
- High cross section density
- High temperature resistant to minimize emissions
- Non hardening, good reset capability
- Coefficient of thermal expansion similar to steel
- Easy to cut, install and disassemble
- Low coefficient of friction minimizes the adjustment force in valves
- Recommended as die formed rings
- For valve applications rings should be approx. 25 - 30 % compressed at installation

Operating range

			
p [bar]	0	0	300
v [m/s]	0	0	
t °C	-200 ... +300		
pH	0 - 14		
g/cm ³	1.30		

Main application

- Valves
- Fittings
- Gate valves
- Flaps
- Door and lid seals

Suitable for

- Power plant technology
- Boiler houses
- High pressure applications

Approvals

- ISO 15848-1 CC1
- ISO 15848-1 C03
- TA Luft / VDI 2440
- BAM 60 °C / 20 bar



Form of delivery

This packing can be manufactured from 4 to 40 mm square as well as in intermediate, inch sizes and special measurements.

- 04 - 09 mm on 1 kg spool
- 10 - 15 mm on 2,5 kg spool
- 16 - 25 mm on 5 kg spool

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

1 kg of packing of the following cross-sections is equivalent to displayed meter lengths:

Size mm	Meter	Size mm	Meter
4	48.1	13 [1/2"]	4.8
5 [3/16"]	30.8	14 [9/16"]	3.9
6	21.4	15	3.4
6.4 [1/4"]	19.1	16 [5/8"]	3.0
8 [5/16"]	12.0	18	2.4
9.5 [3/8"]	8.5	19 [3/4"]	2.1
10	7.7	20	1.9
11 [7/16"]	6.2	22 [7/8"]	1.6
12	5.3	25 [1"]	1.2

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.