






A 44 Grapho

Braid of Flexible Expanded Graphite Tape

Characteristics

- Universal use in pumps and valves
- Very good dry-running characteristics
- No wear, perfect thermal conductivity
- High quality pure graphite
- Coefficient of thermal expansion similar to steel
- Rings should be approx. 20 - 25 % compressed during assembly
- Recommended as die formed rings

Operating range

			
p [psi]	290	0	4350
v [fpm]	3940	0	
t °F	-330 ... +1020		
pH	0 - 14		
lb/in ³	0.0434		

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

Main application

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

Suitable for

- Power plant technology
- Boiler houses
- Petrochemical plants
- High pressure- and high temperature applications
- For higher pressure and temperature applications use suitable bullrings.



Form of delivery

This packing can be manufactured from 3 to 40 mm / 1/8" to 1.5" square as well as in intermediate, inch sizes and special measurements.

03-09 mm/1/8"-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
3 [1/8"]	113.9	13 [1/2"]	7.7
4	77.5	14 [9/16"]	6.3
5 [3/16"]	49.6	15	5.5
6	34.4	16 [5/8"]	4.8
6.4 [1/4"]	30.7	18	3.8
8 [5/16"]	19.4	19 [3/4"]	3.4
9.5 [3/8"]	13.7	20	3.1
10	12.4	22 [7/8"]	2.6
11 [7/16"]	10.0	25 [1"]	2.0
12	8.6		

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.