






## A 22 Graphostat

Graphite Filament yarn with High Temperature Graphite impregnation

### Characteristics

- Yarn of highest purity >99% C content
- Universally chemical resistant
- The addition of high temperature Graphite impregnation increases the cross section density and works as a stable pressure cushion for the graphite fiber
- Flexible, resistant to wear and surface protecting
- Excellent in temperature cycling, since graphite has a similar coefficient of expansion as steel
- Excellent as bullring for packing made of expanded graphite

### Operating range

			
p [psi]	440	0	4350
v [fpm]	2950	0	
t °F	-40 ... +1110		
pH	1 - 14		
lb/in <sup>3</sup>	0.0379		

Practical useful application data:  
max. temperature in oxidizing  
atmosphere: +840 °F

### Main application

- Valves
- Fittings
- Gate valves
- Flaps

### Suitable for

- Power plant technology
- Boiler houses
- High pressure- and high temperature applications
- Digester

### Approvals

- BAM for gaseous oxygen  
140°F / 218 psi



### 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"]	130.1	13 [1/2"]	8.8
4	88.6	14 [9/16"]	7.2
5 [3/16"]	56.7	15	6.3
6	39.4	16 [5/8"]	5.5
6.4 [1/4"]	35.1	18	4.4
8 [5/16"]	22.1	19 [3/4"]	3.9
9.5 [3/8"]	15.7	20	3.5
10	14.2	22 [7/8"]	2.9
11 [7/16"]	11.5	25 [1"]	2.3
12	9.8		

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.

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