






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 [bar]	30	0	300
v [m/s]	15	0	
t °C	-40 ... +600		
pH	1 - 14		
g/cm³	1.05		

Practical useful application data:
max. temperature in oxidizing
atmosphere: +450 °C

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
60 °C/15 bar



Form of delivery

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

- 03 - 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
3 [1/8"]	87.5	13 [1/2"]	5.9
4	59.5	14 [9/16"]	4.9
5 [3/16"]	38.1	15	4.2
6	26.5	16 [5/8"]	3.7
6.4 [1/4"]	23.6	18	2.9
8 [5/16"]	14.9	19 [3/4"]	2.6
9.5 [3/8"]	10.6	20	2.4
10	9.5	22 [7/8"]	2.0
11 [7/16"]	7.7	25 [1"]	1.5
12	6.6		

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.