






S 4 Hochdruck
High strength ePTFE-Graphite

Characteristics

- Extrusion resistant even with large clearances
- Form stable, wear resistant, heat conductive and can be used as bull ring
- Shaft protecting (recommended surface hardness: HRC 25)
- In high pressure applications die formed rings are recommended

Operating range

			
p [psi]	440	11603	7250
v [fpm]	1580	590	
t °F	-330 ... +540		
pH	0 - 14		
lb/in ³	0.0488		

Main application

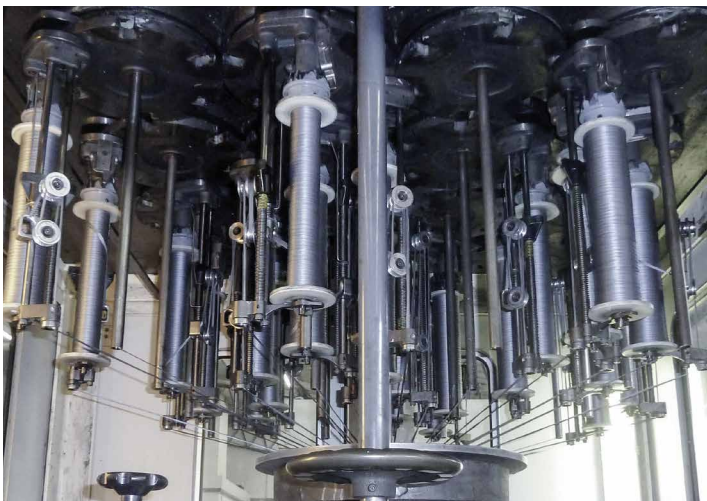
- High pressure plunger- and dosing pumps
- Bullrings for mixers, highpressure valves agitators, gate valves and valves

Suitable for

- Chemical industry
- Petrochemical plants
- High pressure machine constructions

Approvals

BAM for liquid and gaseous oxygen
140 °F/580 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"]	101.2	13 [1/2"]	6.8
4	68.9	14 [9/16"]	5.6
5 [3/16"]	44.1	15	4.9
6	30.6	16 [5/8"]	4.3
6.4 [1/4"]	27.3	18	3.4
8 [5/16"]	17.2	19 [3/4"]	3.1
9.5 [3/8"]	12.2	20	2.8
10	11.0	22 [7/8"]	2.3
11 [7/16"]	8.9	25 [1"]	1.8
12	7.7		

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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