



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 [bar]	30	800	500
v [m/s]	8	3	
t °C	-200 ... +280		
pH	0 - 14		
g/cm ³	1.35		

Main application

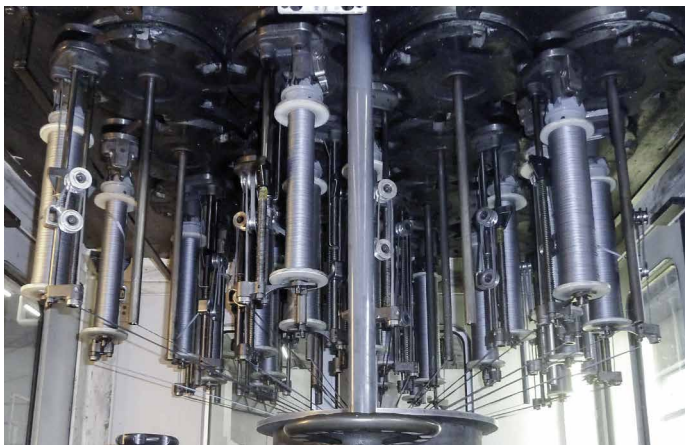
- High pressure plunger- and dosing pumps
- Bullrings for mixers, highpressure valves agitators, gate valves and valves

Suitable for

- Chemical industry
- Petrochemical plants
- High pressure machine constructions

Approvals

- BAM for liquid and gaseous oxygen 60 °C/40 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"]	68.0	13 [1/2"]	4.6
4	46.3	14 [9/16"]	3.8
5 [3/16"]	29.6	15	3.3
6	20.6	16 [5/8"]	2.9
6.4 [1/4"]	18.4	18	2.3
8 [5/16"]	11.6	19 [3/4"]	2.1
9.5 [3/8"]	8.2	20	1.9
10	7.4	22 [7/8"]	1.5
11 [7/16"]	6.0	25 [1"]	1.2
12	5.1		

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.