






A 55 K

Braided from Carbon fiber and carbon reinforced expanded Graphite Tape

Characteristics

- Universal plant wide use in static and rotating applications
- Wear and extrusion stability through carbon fiber corner reinforcement
- Non hardening, good reset capability, coefficient of thermal expansion corresponds to the coefficient of steel
- High temperature resistance and excellent heat and electric conductivity
- Self lubricating, excellent use in pumps, minimizing the need of flushwater
- Easy to cut, assemble and disassemble
- Low coefficient of friction minimizes the adjustment force in valves
- No shaft wear, excellent dry running characteristics
- Rings should be compressed in valve applications at assembly approx. 15-20 % in height
- Die formed rings are recommended

Operating range

			
p [psi]	360	1450	4350
v [fpm]	5910	390	
t °F	-330 ... +1020		
pH	0 - 14		
lb/in ³	0.0397		

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

Main application

- Centrifugal pumps
- Mixer
- Agitators
- Autoclave
- Filter
- Refiner
- Kneader
- Paddle dryer
- Boilerfeed pumps
- Condensate pumps
- Fittings

Suitable for

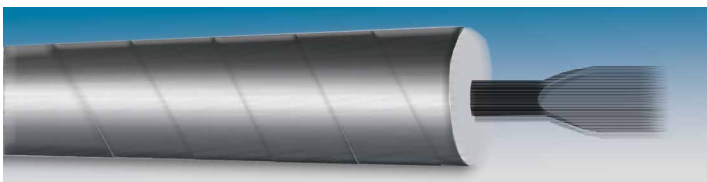
- Power plant technology
- Boiler houses
- Petrochemical plants
- Pulp and paper industry

Variant

- above 10 mm / 3/8" in trapezoid
Shape available
- trapezoid Shape Type Trapez-
Pack®55 Grapho Carbo

Approvals

- Fire Safe Test API 589
- BAM for gaseous oxygen
140 °F / 290 psi



Newly developed expanded graphite yarn with integrated carbon fibre reinforcement

Form of delivery

This packing can be manufactured
from 10 to 40 mm / 3/8" to 1.5" as
well as in intermediate, inch sizes
and special measurements.

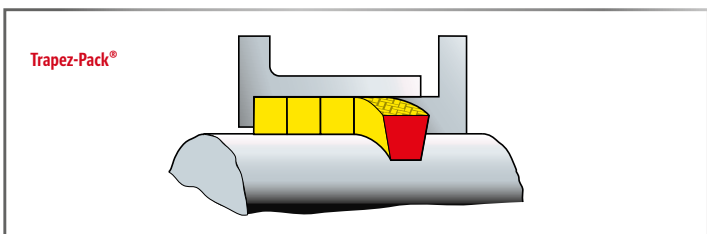
Available from 6 to 9 mm / 1/4" -
5/16" in square X-Section.

06 - 09 mm/1/4"-5/16" on 2lbs 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
6	37.6	14 [9/16"]	6.9
6.4 [1/4"]	33.5	15	6.0
8 [5/16"]	21.1	16 [5/8"]	5.3
9.5 [3/8"]	15.0	18	4.2
10	13.5	19 [3/4"]	3.7
11 [7/16"]	11.0	20	3.4
12	9.4	22 [7/8"]	2.8
13 [1/2"]	8.4	25 [1"]	2.2



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.

ProPack AG

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