






## AESSEAL PACKING STYLE 310

Carbon Filament Yarn with High Temperature Graphite Blocking Agent

### Characteristics

- High temperature blocking agent increases the cross section density and acts as a form stable pressure bed for the Carbographe fiber
- Flexible, wear resistant and valve stem protecting
- Perfect for temperature cycling loads as the coefficient of thermal expansion corresponds to that of steel
- Excellent as bullring in use with rings of expanded graphite

### Operating range

			
p [psi]	440	0	4350
v [fpm]	2950	0	
t °F	-40 ... +1020		
pH	2 - 12		
lb/in <sup>3</sup>	0.0397		

Practical useful application data: max. temperature in oxidizing atmosphere: +750 °F. In steam +1000 °F.

### Main application

- Valves
- Fittings
- Gate valves
- Flaps

### Suitable for

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



### 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"]	124.2	13 [1/2"]	8.4
4	84.5	14 [9/16"]	6.9
5 [3/16"]	54.1	15	6.0
6	37.6	16 [5/8"]	5.3
6.4 [1/4"]	33.5	18	4.2
8 [5/16"]	21.1	19 [3/4"]	3.7
9.5 [3/8"]	15.0	20	3.4
10	13.5	22 [7/8"]	2.8
11 [7/16"]	11.0	25 [1"]	2.2
12	9.4		

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.