



## S 12K Plunger

Combination Braid of ePTFE with incorporated Graphite and Para-Aramid Fiber Corner Reinforcement with Special Blocking compound, with Silicone Run-In Lubricant

### Characteristics

- Very form stable, Recommended shaft surface hardness: HRC 50
- Good heat conductivity therefore reduced wear
- Extrusion resistant at bigger gaps, can also be used as bullring
- Ability to withstand high pressure
- Safe and universal packing for abrasive products
- Die formed rings are recommended

### Operating range

| p [psi]            | 360           | 7,250 | 3,630 |
|--------------------|---------------|-------|-------|
| v [fpm]            | 3,940         | 590   |       |
| t °F               | -150 ... +540 |       |       |
| pH                 | 2 - 12        |       |       |
| lb/in <sup>3</sup> | 0.056         |       |       |

Practical useful application data:  
max. temperature: +390 °F  
max. pressure centrifugal pumps: 290 psi

### Main application

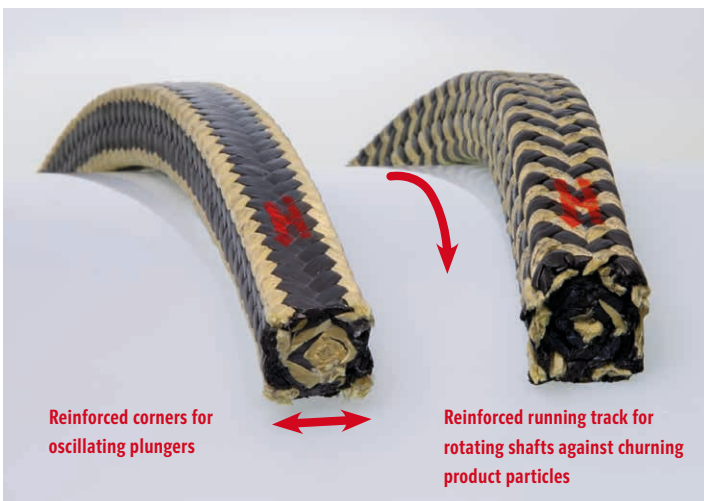
- In all units with larger gap widths, or in solids containing media.
- Plunger pumps
- Fittings
- Gate valves

### Suitable for

- General Industry
- Pulp and Paper Industry
- Sugar Industry

### Variant

- Trapez-Pack® 12 braided in trapezoid shape with cross-sectional impregnation for improved performance and use in crystallizing products for example in sugar industry
- S12K Nylon with high strength Nylon core for safe positioning on Pulp washer Drum



### Form of delivery

This packing can be manufactured from 6 to 40 mm / 1/4" to 1.5" square as well as in intermediate, inch sizes and special measurements.

06-09 mm/1/4"-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 |
|-------------|------|------------|------|
| 6           | 26.7 | 14 [9/16"] | 4.9  |
| 6.35 [1/4"] | 23.8 | 15         | 4.3  |
| 7           | 19.6 | 16 [5/8"]  | 3.7  |
| 8 [5/16"]   | 15.0 | 18         | 3.0  |
| 9.5 [3/8"]  | 10.6 | 19 [3/4"]  | 2.7  |
| 10          | 9.6  | 20         | 2.4  |
| 11 [7/16"]  | 7.9  | 22 [7/8"]  | 2.0  |
| 12          | 6.7  | 25 [1"]    | 1.5  |
| 12.7 [1/2"] | 6.0  |            |      |

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.