

Product Data

Material: ePTFE/graphite and Palmetto Zenar™
 Construction: Interwoven™ braid, ePTFE/Graphite and Palmetto Zenar with a break-in lubricant
 Temperature: 500°F (100°C)
 pH Range: 1 – 13
 Pressure: 500 psi (35 bar) in pumps.
 2500 psi (170 bar) in Plunger Pumps.
 Shaft Speed: 2000 fpm (10 m/s)



Service

PE1082 is a breakthrough in slurry packing. Traditional yellow aramid is very strong, but has a tendency to score and polish the shaft. PE1082 combines ePTFE/Graphite and Palmetto Zenar™ with a break-in lubricant to offer a durable packing that is easier on the shaft.

Palmetto PE1082 is available in square cross-section sizes from 1/8" to 1".

- For high pressure slurry applications, PE1082 with end rings of PE1000 will prevent packing extrusion
- In light slurry applications, PE1082 with middle rings of Palmetto 1382 or 1389 GFO® is ideal
- Works well in abrasive/slurry applications such as mining dredging, asphalt, wastewater sludge, etc.

How to Order

Specify: style number, size, quantity and packaging desired

| Size | in | 1/8" | 3/16" | 1/4" | 5/16" | 3/8" | 7/16" | 1/2" | 9/16" | 5/8" | 11/16" | 3/4" | 13/16" | 7/8" | 15/16" | 1" |
|-----------|---|------|-------|------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|
| | mm | 3,20 | 4,80 | 6,40 | 7,90 | 9,50 | 11,10 | 12,70 | 14,30 | 15,90 | 17,50 | 19,10 | 20,60 | 22,20 | 23,80 | 25,40 |
| Length | ft/lb | | | | | 10.00 | 7.60 | 5.50 | 5.00 | 3.80 | | | | | | |
| | m/kg | | | | | 6.72 | 5.11 | 3.70 | 3.36 | 2.55 | | | | | | |
| Packaging | *Sizes 1/8" through 1/2" available in 1 lb. spools. All sizes available in 5 and 10 lb. boxes; 25 and 50 lb. reels; and custom lengths. | | | | | | | | | | | | | | | |

Distributed by

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Product data is based upon our experience and knowledge of typical applications and should be used to determine approximate service compatibility.

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