

Product Data

- Material:** Oriented exclusive Zenar™ yarn loaded with ultra-pure graphite powder, Matrix-Lubricated™ with inert lubricant
- Construction:** Interwoven™ braid
- Abrasion Resistance:** Wear resistance of Aramid
- pH Range:** 1 – 13
- Pressure Limit:** 6000 psi (414 bar)
- PV Factor:** 800,000
- Shaft Surface Speed:** 3000 fpm (15 m/s)
- Temperature Limit:** -400°F to 550°F (-240°C to 280°C)
- Tensile Strength:** 380,000 psi (1930 bar)



Fiber Technology

When strength and wear resistance are critical, PE1000 provides extended service life with virtually no sleeve scoring. Zenar™, an exclusive fiber of Palmetto Inc., is a breakthrough in fiber technology. With the heat dissipation of graphite, strength of Aramid and suppleness of weaker composites, PE1000 helps slurry handlers improve the bottom line through energy savings, lower sleeve wear, and longer packing life.

Features

- Wear resistance and strength matched only by Aramid
- Kindness to the shaft
- Nonfraying (taping the ends when cutting is not necessary)
- Excellent die-formability
- Longest service life in slurry applications

Typical Applications

Centrifugal pumps, agitators, mixers, valves, reciprocating high-pressure plunger pumps, compressors and high-pressure hydraulic cylinders among others. All dynamic equipment processing aggressive abrasive slurries and/or extremely high-pressure fluids.

How to Order

Specify: style number, size, packaging and quantity 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	63.66	45.00	25.00	16.50	10.50	8.12	6.16	4.70	3.85	3.40	2.88	2.30	2.15	1.95	1.60
	M/kg	42,65	30,15	16,75	12,54	7,04	5,44	4,13	3,15	2,58	2,28	1,88	1,54	1,44	1,31	1,07
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.															

Distributed by

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