

Product Data

Material:	Oriented virgin ePTFE highly loaded with ultra-pure graphite powder, Matrix-lubricated™ with inert lubricant
Construction:	Interwoven™ braid
pH Range:	0 – 14 (all fluids except strong oxidizers in the 0 – 2 pH range, such as oleum, fluorine, fuming nitric acid and aqua regia)
Pressure Limit:	1900 psi (131 bar)
PV Factor:	650,000 maximum
Shaft Speed:	4300 fpm (21.8 m/s)
Temperature Limit:	-400°F to 550°F (-240°C to 288°C)
Density:	100 lbs/ft³ (1.481 g/cm³)



Service

Palmetto style 1389, (100% GFO®) is possibly the best all-around packing available today.

Heavy graphite loading serves to both increase the rate at which heat is transferred away from the shaft and to reduce thermal expansion. This permits higher shaft speeds with less chance of glazing or burning. Matrix Lubrication™ provides an additional source of lubricant that slowly flows out in service, insulating the fiber from the shaft. This reduces the time spent in break-in, reduces the chance of scoring, and promotes cooler running over the long term.

Style 1389, (100% GFO) is highly recommended for use in wide-ranging service conditions, including highly reactive fluids, high shaft speeds and moderate to high pressures. style 1389, (100% GFO) is proven in such diverse equipment as rotating pumps, valves, mixers, blenders, extruders, reciprocating pumps and agitators, among others.

*Palmetto is a member of W.L. Gore's Seal of Assurance program. Style 1389 stenciled with "100% GFO" assures the user that only fiber from W.L. Gore is used.

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	62.48	44.47	26.24	15.53	10.10	7.72	5.79	4.78	3.95	3.50	2.79	2.40	2.12	1.90	1.63
	M/kg	41,86	29,79	17,50	10,40	6,76	5,17	3,80	3,20	2,64	2,34	1,86	1,60	1,42	1,27	1,09
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.															