

Product Data

Material:	Pure Expanded Flexible Graphite ribbon is transformed into yarn and braided. An added anti-corrosion ingredient virtually eliminates pitting
Toxicity:	Nontoxic in accordance with EPA maximum concentration of contaminant's list
pH Range:	0 – 14 (except fuming nitric, aqua regia, oleum)
Pressure Limit*:	2500 psi (172 bar) valves 125 psi (8.5 bar) pumps
Temperature Limit:	-400°F (-240°C) +1200°F (649°C) steam +850°F (454°C) oxidizing +6000°F (3300°C) nonoxidizing



*If pressures are high, install Palmetto 1585 to bridge larger than normal clearance gaps.

Longer Service Life

Unlike conventional packing, Flexi-Braid won't break down in use; it becomes more dense as gland follower adjustments are made. As a result, Flexi-Braid need not be extracted when the follower bottoms out in the stuffing box—simply add more Flexi-Braid rings and readjust. The packing continues to provide excellent service without scoring.

In most cases anti-extrusion rings are not necessary for pressures under 150 psi in pumps and 1000 psi in valves; however, Palmetto 1585 anti-extrusion rings are recommended for high pressure or clearance gaps of 0.010 or more.

Easy Installation

Unlike flexible graphite ribbon, Flexi-Braid handles, cuts and installs easily. It won't tear or unravel from a spool-like ribbon.

Typical Applications

Steam valves, boiler feed pumps, condensate pumps, chemical and petrochemical applications, expansion joints, and high-temperature groove packing

How to Order

Specify: New Palmetto Flexi-braid for graphite ribbon performance

Size	in	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
	mm	3,20	4,80	6,40	7,90	9,50	11,10	12,70	14,30	15,90	19,10	22,20	25,40
Length	ft/lb	113.00	52.00	26.00	18.00	14.00	9.50	7.80	5.40	4.80	3.40	2.70	2.00
	m/kg	76,60	35,20	17,60	12,20	9,38	6,36	5,23	3,62	3,22	2,28	1,83	1,36
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.												