

## Product Data

<b>Material:</b>	Pure flexible graphite with carbon yarn corners
<b>Construction:</b>	Interwoven™ braid
<b>Temperature Limit:</b>	-300°F to +1200°F (-184°F to 649°C) in steam 650°F (343°C) in oxidizing atmospheres
<b>pH Range:</b>	0 – 14 (all fluids except strong oxidizers in the 0 – 2 pH range, such as oleum, fluorine, fuming nitric acid and aqua regia)
<b>Shaft Speed:</b>	6000 f/m (30.5 m/s)
<b>Pressure Limits:</b>	1200 psi (83 bar) in pumps 3500 psi (241 bar) in valves



## Service

- Especially effective when attempting to run at low to zero leakoff
- Effective as a pump/valve standard packing for all areas except where a noncontaminating packing is required
- Best choice for boiler feed and condensate pumps
- Excellent steam valve packing

Style 5080 was created to handle high shaft speeds and hot water/steam service in static and dynamic applications. The Flexible Graphite portion has excellent high temperature sealability and the 95% assay carbon yarn on the corners prevents extrusion of the Flexible Graphite. The marriage of these materials produces a packing that is not only able to standardize an entire plant, but reduce leakage to virtually zero. Vast maintenance and operations savings will be the result.

## 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"	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	N/A	N/A	23.40	17.00	12.10	9.00	7.00	5.60	4.85	3.20	2.00	2.00
	M/kg	N/A	N/A	15,50	11,40	8,13	6,05	4,70	3,76	3,26	2,15	1,48	1,34
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.												

**Palmetto® Inc.**



Distributed by

A Greene, Tweed Company  
Denton Industrial Park  
25 Engerman Ave., Denton, MD 21629  
Phone: +1.410.479.2244, Fax: +1.410.479.0836  
E-mail: palmetto@gtweed.com  
Website: www.palmettopacking.com

