



## 2177 Braided Packing / Ramie Yarn, Graphited

### CONSTRUCTION

**Style 2177** packing is braided with high quality ramie yarns in a square plait construction. The yarns are heavily treated with a petroleum based lubricant and graphite.

### APPLICATION / SERVICE

**Style 2177** is a well lubricated, medium-hard packing with very low frictional characteristics, which assure minimal shaft wear. The ramie yarn is rot and mildew resistant, making the packing ideal for marine use, handling cold water, salt water, and cold oils. In the marine industry it is commonly used in stern tubes, rudder posts, and tail shaft liners. This style packing is also used in the pulp and paper, water/wastewater, and mining industries where a softer packing is desired for lower pressure hydraulic applications.

SERVICE LIMITS		
Type	Description	Value
Temperature Limits:	Minimum	-
	Maximum	212°F (100°C)
Pressure Limits:	Rotating	215 psi (15 bar)
	Reciprocating	215 psi (15 bar)
	Static	290 psi (20 bar)
Shaft Speed:		1200 fpm (6 m/s)
pH:		6-8

APPROXIMATE YIELDS			
Size	Feet/Pound	Size	Feet/Pound
1/8"	114	5/8"	5.7
3/16"	51	3/4"	2.8
1/4"	26	7/8"	2.3
5/16"	20	1"	1.9
3/8"	15	1-1/8"	1.7
7/16"	10	1-1/4"	1.4
1/2"	8.3	1-1/2"	1.0
9/16"	6.8		

Properties and application parameters shown throughout this datasheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice. This edition supersedes all previous issues.