

STYLE 2177

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:

| Temperature Limits | | Pressure Limits | |
|--------------------|------------------|-----------------|------------------|
| Minimum | - | Static | 290 psi (20 bar) |
| Maximum | 212°F (100°C) | Rotating | 217 psi (15 bar) |
| | | Reciprocating | 217 psi (15 bar) |
| Shaft Speed | 1181 fpm (6 m/s) | pH | 6-8 |

APPROXIMATE STANDARD PACKAGE (±10%):

| | | | | | | |
|-------------------------|---------|--------------|--------------|------|---------------|------|
| Size | Ft / Lb | 37.27 | 14.90 | 7.45 | 5 | 2.23 |
| | Inch | 1/4 | 3/8 | 1/2 | 5/8 | 1 |
| Standard Package (±10%) | | 2 Lbs (1 Kg) | 5 Lbs (2 Kg) | | 10 Lbs (5 Kg) | |

Properties and application parameters shown throughout this data sheet 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 cancels all previous issues.

