



Sealing for a safer and greener tomorrow

## STYLE 2421

# Ramie Yarn, PTFE Impregnated

### CONSTRUCTION:

Style 2421 packing is manufactured from the finest quality ramie yarns with PTFE suspensoid in a square plait construction. An additional break-in lubricant is added to minimize shaft wear and to allow for expansion during the break-in period.

### APPLICATION / SERVICE:

Style 2421 is a well lubricated, medium-hard packing with very low frictional characteristics, which assures 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 recommended for sealing stern tube and rudder post stuffing boxes. This style is also used for certain pump and valve applications in the pulp and paper, water/wastewater, and mining industries.

### SERVICE LIMITS:

| Temperature Limits |                   | Pressure Limits |                  |
|--------------------|-------------------|-----------------|------------------|
| Minimum            | -                 | Static          | 450 psi (30 bar) |
| Maximum            | 266°F (130°C)     | Rotating        | 290 psi (20 bar) |
|                    |                   | Reciprocating   | 290 psi (20 bar) |
| Shaft Speed        | 1968 fpm (10 m/s) | pH              | 5-11             |

### APPROXIMATE STANDARD PACKAGE (±10%):

|                         |       |               |              |              |      |      |      |               |      |     |     |     |     |
|-------------------------|-------|---------------|--------------|--------------|------|------|------|---------------|------|-----|-----|-----|-----|
| Size                    | Ft/Lb | 60.5          | 40.9         | 27.5         | 15.9 | 11.2 | 8.9  | 7.6           | 5.4  | 4.7 | 3   | 2.3 | 1.8 |
|                         | Inch  | 1/8           | 3/16         | 1/4          | 5/16 | 3/8  | 7/16 | 1/2           | 9/16 | 5/8 | 3/4 | 7/8 | 1   |
| Standard Package (±10%) |       | 1 Lb (0.5 Kg) | 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.

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