



STYLE 2001

Braided Packing

Graphite Yarn

Graphite Filled

CONSTRUCTION

Style 2001 packing is a rugged premium grade, low friction, high strength, proprietary graphite fiber, twisted together and interlock braided. This style contains a special lubricant to provide a bearing film, and protect shafts from scoring. It also acts as a blocking against to prevent wicking.

APPLICATION / SERVICE

Style 2001 packing is ideally suited for use in severe service valves and rotary shaft applications. It handles strong acids and alkali solutions except fuming nitric acid, oleum and fluorine. It can be used to seal steam, water, oil, solvents, alkalis, and acids. It is often used as end rings for packing sets utilizing softer packings that might tend to extrude. This style also handles high temperatures, extremely high shaft speeds, most strong chemicals, and reduces shaft wear.

| SERVICE LIMITS | | |
|---------------------|---------------|-------------------------------------|
| TYPE | DESCRIPTION | VALUE |
| TEMPERATURE LIMITS: | MINIMUM | -400°F (-240°C) |
| | MAXIMUM | 840°F (450°C) |
| | STEAM | 1200°F (650°C) |
| PRESSURE: | ROTATING | 435 psi (30 bar) |
| | RECIPROCATING | 1450 psa (100 bar) |
| | STATIC | 4350 psi (300 bar) |
| SHAFT SPEED: | | 4000 fpm (20 m/s) |
| pH: | | 0 - 14 (except strong oxidizers) |

| APPROXIMATE YIELDS (+/- 10%) | | | |
|------------------------------|---------|-------|---------|
| SIZE | FT / LB | SIZE | FT / LB |
| 1/8" | 100 | 1/2" | 9 |
| 3/16" | 50 | 9/16" | 8.1 |
| 1/4" | 35 | 5/8" | 6.7 |
| 5/16" | 25 | 3/4" | 4.5 |
| 3/8" | 16.5 | 7/8" | 3.4 |
| 7/16" | 12 | 1" | 2.6 |

Properties and application parameters shown throughout this datasheet are typical. Your specific application should **not** be undertaken without independent study and evaluation for suitability. 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.

Distributed By:

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