

Slade 3300™

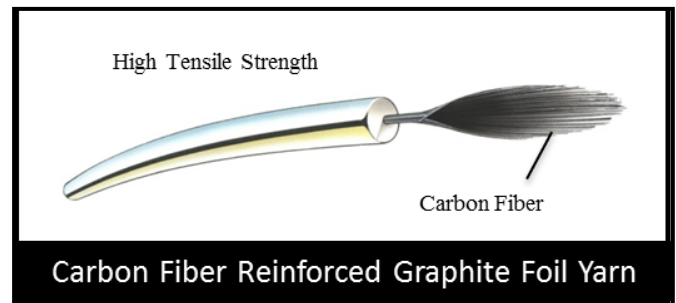
the “Mechanical Seal on a Spool”™



Made in USA

Patented Technology

**Eliminate
Seal Water,
Stop Most
Leakage.**



**An annual savings of \$13,140
per rotating shaft***

**Assumes 5 gallons per minute of water at \$.005 cost per gallon*

*Pulp and Paper Mills, Nuclear, Fossil and Hydroelectric Power Plants,
Waste Water Treatment Plants*

- **Reduces amperage**
- **4800fpm (1400m/min)**
- **Seals abrasive slurries**
- **Water savings (per shaft): 2.6 million gallons per year (@5gpm)**

SLADE

Slade Inc. · 181 Crawford Rd · Statesville, NC 28625 · USA

Website: www.slade-inc.com · Email: sales@slade-inc.com

Tel: 704-873-1366 · Fax: 704-873-1399

Distributed By:



VOC Emission Valve Packing

96% of valves packed with Slade have ZERO emissions

• Slade manufactures its own patented graphite foil yarns to achieve these standards.

• Outstanding performance under API 589 and 607 Fire Test specifications (API Testing performed by Southwest Research Institute).

• Two independent tests (PERF standards) by Major Oil Company show emission control 3.9 and 6.4 times better than (1/5 stack) die formed rings of flexible graphite foil.

• Slade graphite foil die-formed rings are TA Luft Certified to VDI Guidelines 2440 for temperatures above 480 °F/250 °C

Fugitive Emission Control

3300C – Slade's Cost Effective Pump & Valve Packing

Reinforcement: Each individual strand of graphite foil is reinforced with high strength structural carbon fiber and no other reinforcements
Temp: -400°F/-240°C to 1800°F/1000°C
Pressures: Valves to 4500 psi / 310 bar (for high pressures, consult factory)
pH range: 0-14, except in strong oxidizers
3300W: Inconel® wire reinforced for higher pressures: 5,000 psi / 345 bar
3300GLC: Low chloride, high purity version for nuclear plants

3300G – Slade's best All Purpose Pump & Valve Packing

Reinforcement: Corners and each individual strand of graphite foil are reinforced with high strength structural carbon fiber, no other reinforcements
Temp: -400°F/-240°C to 1800°F/1000°C
Pressures: 5,000 psi / 345 bar without end rings (compress 30%)
Pumps: Flush-free in many applications to +4800 fpm (1,400 m/min)
pH range: 0-14, except in strong oxidizers
Application: Chemicals, steam, hydrocarbons, etc.
3300GLC: Low chloride version for nuclear power plants

3300K – Slade's Best Triplex, Reciprocating Pump Packing

Reinforcement: Same as 3300C except Kevlar fiber corners
Temp: Maximum temperature 500°F/260°C
Application: Reciprocating/plunger, wastewater, steam and ammonia pumps, oil well sucker rods, etc.
Pressures: 5,000 psi / 345 bar
pH range: 2 - 12

3300CJ – Slade's Cost Effective Pump & Valve Packing

Description: Carbon fiber jacketed 3300C
Pressures: Valves to 5,000 psi / 345 bar; 1200°F / 650°C
Application: Used as an anti-extrusion end ring
pH range: 0 - 14, except in strong oxidizers

3300CJK – Slade's Cost Effective Pump & Valve Packing

Description: 3300CJ with Kevlar corners, used as an anti-extrusion ring (for large throat clearances) and to protect against particulate contamination. Usually only one ring is installed (first ring in) at the bottom of the stuffing box.
Temp: 500°F / 260°C
pH range: 2 - 12

FIRE SAFE



EMISSION SAFE



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