

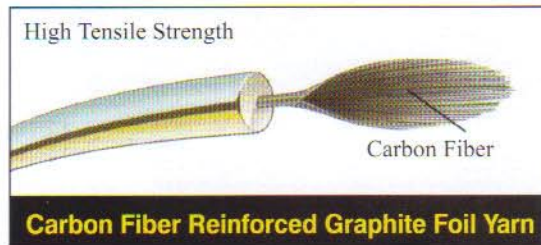
Slade 3300G™

the "Mechanical Seal on a Spool"™

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



Made In USA
Patented Technology



**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*

- Virtually no leakage in most applications
- No flush water required in most cases
- Reduced amperage typical
- 4800 fpm (1400 m/min)
- Outlasts traditional packings 6 to 1
- Virtually no shaft wear
- Excellent in reciprocating pumps!
- pH 0-14, except strong oxidizers
- Seals abrasive slurries
- Reduces labor costs by 83%
- Water savings (per shaft): 2.6 million gallons per year (@5gpm).

SLADE

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VOC Emission Valve Packing

96% of valves packed with Slade have ZERO emissions

- Over 99% of valves have had less than 100 ppm emissions and required NO adjustments in a five year period.
- Two independent tests (PERF standards) by Major Oil Company show emission control 3.9 and 6.4 times better than (1/5 stac) die formed rings of flexible graphite foil.
- Outstanding performance under API 589 and 607 Fire Test specifications (API Testing performed by Southwest Research Institute).
- Slade manufactures its own patented graphite foil yarns to achieve these standards.

Fugitive Emission Control

3300C – Slade’s Cost-Effective Pump and 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 1,000 psi/70 bar (for higher pressures, consult factory)
pH range: 0-14, except in strong oxidizers
3300W: Inconel wire reinforced for higher pressures: 5,000 psi/350 bar
3300LC: Low chloride, high purity version for nuclear plants

3300G – Slade’s Best All Purpose Pump and 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/350 bar without end rings (compress 28%)
Pumps: Flush-free in many applications to +4,800 fpm (1,400m/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 Pump, Reciprocating Packing

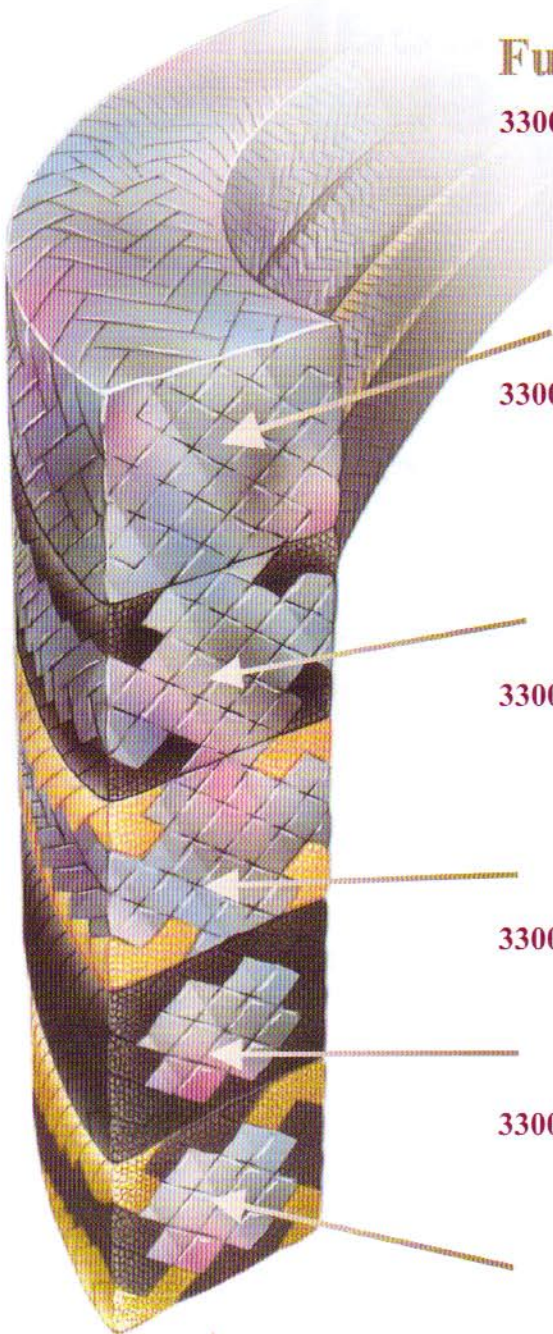
Reinforcement: Same as 3300C except Kevlar fiber corners
Temp: Maximum temperature 500°F/260°C
Application: Reciprocating/plunger, wastewater, steam and ammonia pumps; oilwell sucker rods, etc.
Pressures: 5,000 psi/350 bar
pH range: 2-12

3300CJ – Slade’s Anti-Extrusion Carbon Fiber Packing

Description: Carbon fiber jacketed 3300C
Pressures: Valves to 5,000 psi/351 bar; 1200°F/350°C
Application: Used as an anti-extrusion end ring
PH Range: 0 - 14, except in strong oxidizers

3300CJK – Slade’s Abrasive Isolator 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