

Slade 3300G

Features of the 3300G



- Reduces water consumption
- Reduces energy consumption
- Designed to run leak-free
- Works well on worn sleeves
- Can be run flush-free in non-abrasive applications
- Mild flush in abrasive applications
- Can be used in pumps, valves, mixers and other rotating equipment
- **Temp:** Mild Oxidizers to 1800°F/1000°C (e.g., for temperatures over 1000°F/540°C, consult factory)
- **Rotation Speed:** Flush free in many services to 4800FPM (1400m/min)
- **Pressures:** Valves to 5000 PSI/350 BAR without end-rings
- **pH Range:** 1-14

Applications

Chemical, steam, hydrocarbons, pulp and paper, etc.

About the 3300G

Slade 3300G has the same benefits of 3300C, with the additional strength of carbon reinforced corners. Designed to perform as a mechanical seal, leak free. Constructed of high tensile strength carbon and expanded graphite to provide the needed lubrication. Therefore, no leakage is required either to cool or lubricate the packing. Leak free operation will extend run time and shaft sleeve life.

Due to its patented construction of natural, expanded graphite yarns, Slade 3300G turns the stuffing box into a heat sink, conducting heat away from the shaft, in many applications, eliminating expensive leakage previously needed to cool the stuffing box.

Slade Packing can be run flush free in most applications. If media has particulate contamination, a very mild flush should be all that is required to keep solids out of the stuffing box.

Worn shafts and sleeves can easily be sealed. When properly installed, Slade packing will conform to the geometry of the stuffing box and shaft. Therefore Slade can seal most worn sleeves.

Whereas most pump packings are largely abrasive fibers with added lubricants that can be squeezed, washed or cooked out, Slade packing utilizes the self-lubricating qualities of the very best natural, exfoliated graphite.

Incorporating just enough temperature and chemical resistant "carbon fiber" to make very high tensile strength yarns, Slade's patented technology allows the braided packing rings to transfer frictional heat away from high speed shaft sleeves, eliminating the need, in most cases, for cooling water.

Since cooling or flushing is not typically required, there is no need for lantern rings. This eliminates the concern for the lantern rings being adjusted out of position, flush water ports becoming plugged, or sleeve wear caused by the corrosive nature of highly oxygenated water or hardened sleeves.

By eliminating the lantern ring, the need for packing rings inboard of the lantern ring is also eliminated. With the use of Slade's Spacer Bushings or Way-2-Seal, the number of rings in the stuffing box can be reduced to 3 sealing rings. With less sealing rings coming in contact with the shaft, less friction and less strain placed on the motor. This has proven to reduce amperage usage by up to 5%. Please contact Slade directly for more information on amperage reduction.