1.0 SCOPE

1.1 This specification describes 329 Stern-Lon Packing.
1.2 It is applicable for use on tail shaft liners, rudder posts, jordans, claflins, hydro-finers, shafts and rods against hot or cold water and brine to 275°F (135°C).

2.0 CONTENT AND CONSTRUCTION

2.1 Content

2.1.1 Yarn

   • 2.1.1.1 329 shall be made from a single ply, twisted, long fibered roved flax yarn.

2.1.2 Lubricants

   • 2.1.2.1 The finished packing shall be impregnated with a tetrafluoroethylene (TFE) dispersion.
   • 2.1.2.2 The finished packing shall also be lubricated with a plasticizing break-in lubricant.
   • 2.1.2.3 A final coating of finely divided fluorocarbon powder shall be embedded into the packing surface.

2.2 Construction

   2.2.1 The packing shall be made in a square plait construction.

3.0 TYPICAL PHYSICAL, THERMAL, AND CHEMICAL PROPERTIES

3.1 Physical Properties

   3.1.1 Maximum Service Pressure - 300 PSI (20 Bar)
   3.1.2 Maximum Shaft Speed - 1000 FPM (5 MPS)

3.2 Thermal Properties

   3.2.1 Maximum Service Temperature - 275°F (135°C)

3.3 Chemical Properties

   3.3.1 Compatible pH Range - 6 to 8