

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

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