



Nexus Pump and Valve
Packing
DATA SHEET



Nexus Style 4960 / 4990 Twisted Ceramic Fibre Rope

Description

Style 4960 packing is a non-Asbestos twisted rope packing that has been formulated especially for the replacement of Asbestos. Style 4960 & 4990 packing are designed specifically for use on stationary applications where a square braided product is not required, typically as an insulation material. The ceramic fibre is rated to 1260°C in optimum conditions however the organic fibre content will burn at 200°C resulting in a flash flame on first application. Due to the nature of the organic fibre burning the product is prone to shrinkage. The yarns are reinforced with wire (1000°C) or glass (550°C) to ensure that mechanical strength is maintained.

Construction

Style 4960 is a twisted rope packing, constructed of Ceramic Fibre with a Glass Fibre leader. Style 4990 is a twisted rope packing, constructed of Ceramic Fibre with a Wire leader. There are no wet lubricants present that can be extruded under pressure and temperature.

Application

The safety aspect of a non-Asbestos packing makes this an ideal insulation product. These products are for use in very high temperature applications.

Sizes

| Diameter | Meter Per Roll |
|----------|----------------|
| 6mm | 100m |
| 8mm | 100m |
| 10mm | 100m |
| 12mm | 50m |
| 16mm | 50m |
| 20mm | 50m |
| 25mm | 25m |
| 30mm | 30m |
| 40mm | 15m |
| 50mm | 15m |

Specification

| Item | Unit | Magnitude | |
|---|-------|-----------------|------------------------------|
| Dimensional Deviation | mm | Axial Radial | 0.00 ~ +1.00 0.00 ~ -1.00 |
| Working Temperature | | | |
| Style 4960 – Ceramic Fibre / Glass Leader | °C | | +550 |
| Style 4990 – Ceramic Fibre / Wire Leader | °C | | +1000 |
| Pressure | bar | N/A | Stationary |
| Surface Speed | m/sec | | 1 |
| pH | pH | | 4 - 11 |
| Base Yarn | | | Ceramic Fibre |
| Lubrication | | | Zero |