

**1.0 SCOPE**

- 1.1 This specification describes 1740 Packing which is a multi-service, non-asbestos packing.
- 1.2 It is applicable for use to seal shafts, rods and expansion joints against water, steam, solvents, mild acids and alkalis, oil and abrasives to 500°F (260°C). This packing will not stain in pulp and paper mill applications.

**2.0 CONTENT AND CONSTRUCTION**

## 2.1 Content

## 2.1.1 Yarn

- 2.1.1.1 1740 shall be made of single ply, continuous, multi-filament aramid yarn.

## 2.1.2 Lubricants

- 2.1.2.1 The yarn shall be impregnated with tetrafluoroethylene (TFE) dispersion and silicone based lubricants.

## 2.2 Construction

2.2.1 Packing of 1/8" through 6mm shall be square braided.

2.2.2 Packing of 1/4" through 1" shall be interbraided.

**3.0 TYPICAL PHYSICAL, THERMAL, AND CHEMICAL CHARACTERISTICS**

## 3.1 Physical Characteristics

3.1.1 Pressure Rating - 300 PSI (21 Bar)

3.1.2 Maximum Shaft Speed - 2000 FPM (10 MPS)

## 3.2 Thermal Characteristics

3.2.1 Maximum Service Temperature - 500°F (260°C)

## 3.3 Chemical Characteristics

3.3.1 Compatible pH Range - 4 to 11

3.3.2 Chemical Incompatibility - strong mineral acids and alkalis.