

# Lionpak<sup>®</sup>

## 2101

Pure dry PTFE packing  
with low friction capabilities

**Lionpak<sup>®</sup> 2101 is an interlocked braided packing made of pure dry PTFE fibre yarn.**

It is non-toxic, and contains no lubricants or additives.

#### Prime features

- Very low coefficient of friction.
- Minimal wear on shafts and sleeves.
- Long service-free life, with virtually no volume loss due to chemical action.
- Very little gland adjustment needed after initial installation.

#### Typical applications

Valves, pumps, mixers, reactors, agitators and extruders, in applications where the low friction characteristics of pure PTFE are required. Recommended for duties in compressed air systems.

#### Chemical properties

Inert to chemicals within the range pH 0-14, excluding molten alkali metals, fluorine compounds and aqua regia.

#### How supplied

All popular square sections from 3 mm to 50 mm ( $\frac{1}{8}$ " to 2") in boxes containing 8 m (26' 3"), in coil form or on spools as detailed in the table below. Also supplied as split preformed rings and sets.

Spool ordering information			
Size		Packaged $\pm$ 10%	
mm	inch	kg	lbs
3.0	$\frac{1}{8}$	0.9	2
5.0	$\frac{3}{16}$	0.9	2
6.5	$\frac{1}{4}$	0.9	2
8.0	$\frac{5}{16}$	0.9	2
10.0	-	2.3	5
11.0	$\frac{7}{16}$	2.3	5
12.5	$\frac{1}{2}$	2.3	5
14.0	$\frac{9}{16}$	2.3	5
16.0	$\frac{5}{8}$	4.5	10
20.0	$\frac{13}{16}$	4.5	10
22.0	$\frac{7}{8}$	4.5	10
25.0	1	4.5	10



#### VALVE STEM DUTIES

**Maximum Operating Temperature:**

+250°C (+482°F)

**Minimum Operating Temperature:**

-100°C (-148°F)

**Maximum System Pressure:**

25 MPa/250 bar (3626 psi)



#### CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

**Maximum Operating Temperature:**

+250°C (+482°F)

**Minimum Operating Temperature:**

-100°C (-148°F)

**Maximum Shaft Speed:**

4 m/s (787 fpm)

**Maximum System Pressure:**

1 MPa/10 bar (145 psi)



#### RECIPROCATING PUMPS AND RAMS

**Maximum Operating Temperature:**

+250°C (+482°F)

**Minimum Operating Temperature:**

-100°C (-148°F)

**Maximum Rod Speed:**

0.5 m/s (98 fpm)

**Maximum System Pressure:**

5 MPa/50 bar (725 psi)