

Lionpak[®]

2201

Dimensionally stable PTFE for chemical processing

Lionpak[®] 2201 is a duplex braided packing of pure PTFE fibre yarns.

It contains James Walker's proprietary break-in lubricant and a PTFE dispersion.

Prime features

- Non-toxic and inert to protect the purity and safety of fluid media.
- Dimensionally stable to ensure trouble-free operational life with reduced maintenance costs.
- Inlube break-in lubricant provides additional lubrication during the complete operational life of the product.
- PTFE dispersion acts as a blocking agent and antifriction additive.

Typical applications

Recommended for both static and dynamic operations with pumps, valves, mixers, reactors, agitators, dryers and air compressors. Suitable for duties with acids and alkalis of any concentration, solvents, organic and inorganic chemicals, petrochemicals, dyestuffs, paints and synthetic resins.

Chemical properties

Compatible with media in the range pH 0-14, excluding strong oxidisers, molten alkali metals and 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:

15 MPa/150 bar (2175 psi)



CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

Maximum Operating Temperature:

+250°C (+482°F)

Minimum Operating Temperature:

-100°C (-148°F)

Maximum Shaft Speed:

10 m/s (1969 fpm)

Maximum System Pressure:

2.5 MPa/25 bar (363 psi)



RECIPROCATING PUMPS AND RAMS

Maximum Operating Temperature:

+250°C (+482°F)

Minimum Operating Temperature:

-100°C (-148°F)

Maximum Rod Speed:

1.0 m/s (197 fpm)

Maximum System Pressure:

10 MPa/100 bar (1450 psi)