

Lionpak[®]

9501

Flax fibre with water compatibility
for marine & general duties

Lionpak[®] 9501 is a braided packing of tough flax fibre impregnated with James Walker's proprietary PTFE and oil-based dispersion.

Prime features

- Economical packing of tough flax fibre construction.
- Recommended for water duties.
- Resistant to deformation.
- Lubrication package minimises scoring of sleeves and shafts.

Typical applications

This packing is highly compatible with water. It is recommended for duties with stern glands, rudder posts, water wheels, pumps and valves. Suitable for use with river water, sea water, surface water, waste water and sewage.

Chemical properties

Compatible with media in the range pH 5-10.

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:

+100°C (+212°F)

Minimum Operating Temperature:

-40°C (-40°F)

Maximum System Pressure:

10 MPa/100 bar (1450 psi)



CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

Maximum Operating Temperature:

+100°C (+212°F)

Minimum Operating Temperature:

-40°C (-40°F)

Maximum Shaft Speed:

3 m/s (591 fpm)

Maximum System Pressure:

1 MPa/10 bar (145 psi)



RECIPROCATING PUMPS AND RAMS

Maximum Operating Temperature:

+100°C (+212°F)

Minimum Operating Temperature:

-40°C (-40°F)

Maximum Rod Speed:

1.0 m/s (197 fpm)

Maximum System Pressure:

10 MPa/100 bar (1450 psi)

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Health warning: If PTFE products are heated to elevated temperatures, fumes will be produced which may give unpleasant effects, if inhaled. Whilst some fumes are emitted below 300°C (572°F) from PTFE, the effect at these temperatures is negligible. Care should be taken to avoid contaminating tobacco with particles of PTFE or PTFE dispersion, which may remain on hands or clothing. Safety Data Sheets (SDS) are available on request.

Information given in this publication is given in good faith and represents the results of specific individual tests carried out by James Walker or third parties in accordance with the methodologies described in this publication, performed in a laboratory. No representation or warranty is given in relation to such information. Values and/or operating limits given in this publication are not an indication that these values and/or operating limits can be applied simultaneously. While such results may comprise useful additional information and are industry standard tests, they are no substitute for conducting (or procuring from James Walker) your own tests and engineering analysis and satisfying yourself as to the suitability of the product you select. Please also note that a product tested in accordance with the published methodology may not perform to such values in application and/or under different test conditions or methodologies for a variety of reasons, including but not limited to the environment in which it is used/tested or which passes through it or otherwise affects the product, or due to the handling, storage or installation, or due to the effect of housing or other parts. Our personnel will be happy to discuss any historical examples we have of a product having been previously used in a particular application.

To ensure you are working with the very latest product specifications, please consult the relevant section of the James Walker website: www.jameswalker.biz.

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