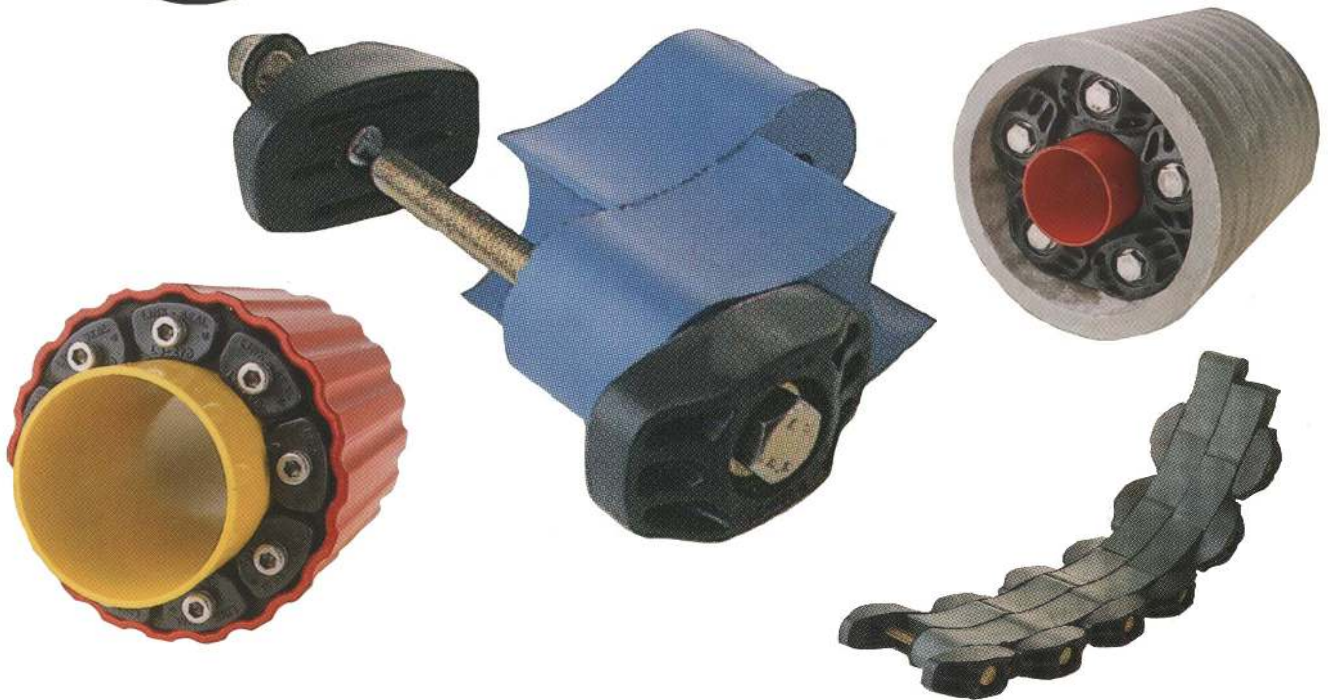


LINK SEALS



LINK SEALS are used to provide end seals between product pipes, or cables, and casing sleeves or ducts.

LINK SEALS provide a modular hydrostatic sealing mechanism that is independent of internal or external pressure, and can provide a pressure seal up to 5 bar. LINK SEALS also provide electrical and vibrational insulation, and can provide fire resistance for up to three hours. The rubber material absorbs shocks and sounds, and reduces the vibration load on the pipes and cables. The unique link structure makes it possible to produce an almost unlimited number of sizes. See table overleaf.

The seal is supplied in an assembled condition with the required number of links, and owing to its special design the LINK SEAL chain is rapidly installed.

The LINK SEALS thick section design ensures excellent protection against brittleness, tearing, ageing, and other hazards of ground burial. As the seal is located inside the protective pipe, it cannot be damaged by external impacts.

LINK SEALS have been used successfully in many different applications including pipelines, cable ducts, tank farms, casings in crossings, wall openings in buildings for gas, water, cables, heating, ventilation and air conditioning systems, for fire and noise protection, as well as in pipe systems for water treatment, sewer plants, rubbish incineration plants, chemical plants and cooling towers.

LINK SEALS are available to operate in temperature ranges of - 40°C to +120°C and - 55°C to +230°C.

Pipe Equipment can also supply a range of INSULATORS to support a product pipeline inside a sleeve or carrier pipe.

The company follows a policy of continuous product development and as such reserves the right to make alterations to equipment and techniques without prior notice.

PIPE EQUIPMENT SPECIALISTS LTD

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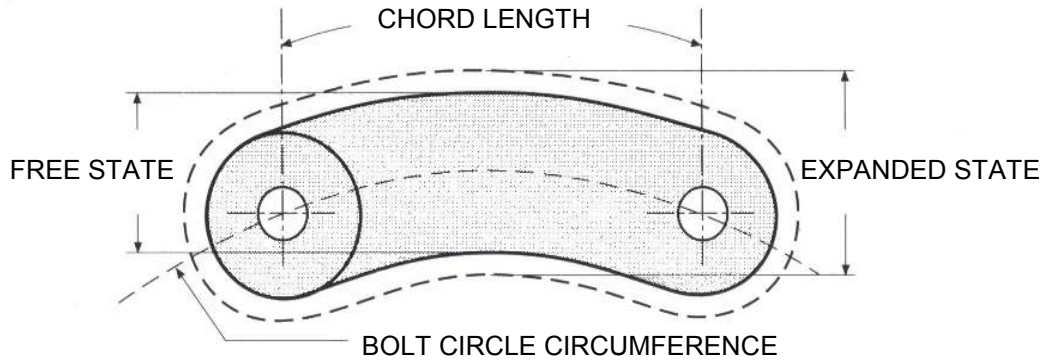
www.pipe-equipment.co.uk Email: info@pipe-equipment.co.uk



Certificate Number: 1253

WP/TIS/LS/204F

LINK SEAL SELECTION TABLE



MODEL	SEALING RANGE (mm) [ANNULAR SPACE]		CHORD LENGTH (mm)
	FREE STATE	EXPANDED	
LS200	12.7	16.0	30.0
LS275	16.0	20.0	25.1
LS300	18.0	22.5	40.0
LS315	21.1	26.0	38.4
LS325	23.2	30.0	79.4
LS340	25.5	34.0	41.4
LS360	32.0	42.0	55.1
LS400	34.3	46.0	93.1
LS410	37.0	48.5	67.6
LS425	28.4	37.0	93.1
LS475	41.3	48.5	68.3
LS500	60.3	71.5	99.1
LS525	55.4	63.5	99.1
LS575	48.0	58.0	79.5
LS600	81.6	102.0	155.0

SEALING RANGE

This is size of the gap between the outer pipe inside diameter, and the outside diameter of the inner pipe or cable. From this you can determine which seal to use from the above table.

$$\text{Sealing Range (mm)} = \frac{\text{Inside Diameter (mm)} - \text{Pipe or Cable Outside Diameter (mm)}}{2}$$

BOLT CIRCLE CIRCUMFERENCE

$$\text{Bolt Circle Circumference (mm)} = [\text{Sealing Range (mm)} + \text{Pipe OD (mm)}] \times 3.14$$

NUMBER OF LINKS

The number of links required is the bolt circle circumference divided by the link chord length. The chord length is taken from the above table (the same line as the chosen seal).

$$\text{Number of Links} = \frac{\text{Bolt Circle Circumference (mm)}}{\text{Chord Length (mm)}} \quad (\text{rounded to the nearest whole number})$$

Every effort is made to ensure that information given in this table is correct but Pipe Equipment Specialists Ltd. cannot be held responsible for mistakes in printing or misinterpretation that could lead to prosecution on incorrectly purchased products.

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