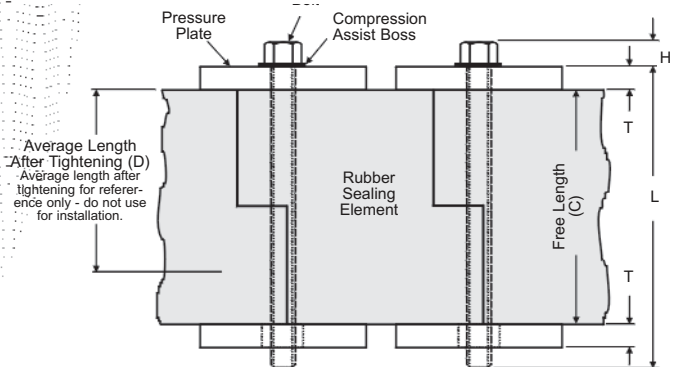
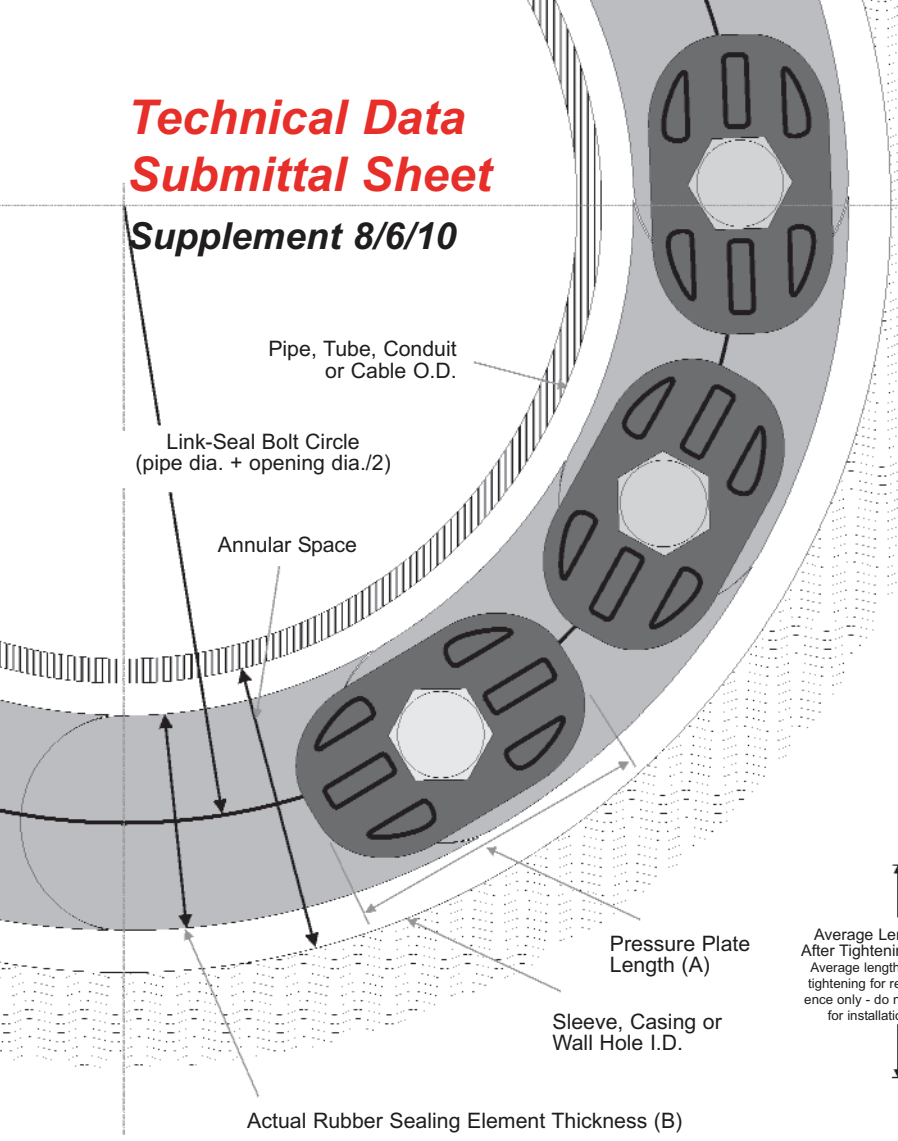
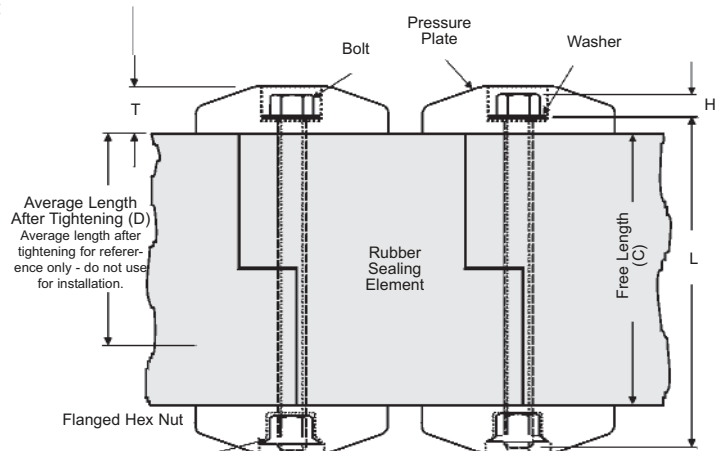


Technical Data Submittal Sheet

Supplement 8/6/10



For LS-325 through LS-600



***Dimensional Data for Models C, L, O, S-316, LS-316 and OS-316**

LINK-SEAL MODEL NO.	RUBBER SEALING ELEMENT			PRESSURE PLATE		BOLT				WEIGHT FOR 10 LINK SECTION (LBS)	MIN. REQUIRED SEATING WIDTH
	ACTUAL THICKNESS (B)	FREE LENGTH (C)	AVG. LENGTH AFTER TIGHTENING (D)	(A)	(T)	HEX ACROSS FLATS	(H)	THREAD SIZE	(L)		
LS-200-*	0.48"	1.75"	1.38"	1.06"	0.31"	M5 (slotted hex)	0.18"	M5	2.50"	0.75	2.25"
LS-275-*	0.61"	1.75"	1.38"	0.90"	0.31"	M5 (slotted hex)	0.18"	M5	2.50"	0.85	2.25"
LS-300-*	0.69"	2.37"	1.87"	1.50"	0.44"	0.50"	0.22"	5/16-18	3.50"	2.10	3.00"
LS-315-*	0.81"	2.37"	1.87"	1.44"	0.44"	0.50"	0.22"	5/16-18	3.50"	3.00	3.00"
LS-325-*	0.88"	2.63"	2.00"	3.13"	1.00"	0.50"	0.22"	5/16-18	4.50"	5.50	4.00"
LS-340-*	1.00"	2.70"	2.25"	1.52"	0.67"	0.50"	0.22"	5/16-18	4.50"	3.40	4.00"
LS-360-*	1.24"	2.70"	2.25"	2.05"	0.77"	0.50"	0.22"	5/16-18	4.50"	5.00	4.00"
LS-400-*	1.38"	3.50"	2.75"	3.50"	1.06"	M10 17mm (0.66")	0.25"	M10-1.5	5.11"	12.00	5.00"
LS-410-*	1.43"	3.37"	2.87"	2.52"	0.88"	M10 17mm (0.66")	0.25"	M10-1.5	5.11"	8.20	5.00"
LS-425-*	1.06"	3.00"	2.25"	3.50"	1.19"	M10 17mm (0.66")	0.25"	M10-1.5	5.11"	10.00	5.00"
LS-475-*	1.56"	3.38"	2.63"	2.63"	0.88"	M10 17mm (0.66")	0.25"	M10-1.5	5.11"	10.00	5.00"
LS-500-*	2.25"	3.75"	2.75"	3.63"	1.06"	0.75"	0.34"	1/2-13	5.50"	22.50	5.00"
LS-525-*	2.06"	3.75"	2.87"	3.63"	1.06"	0.75"	0.34"	1/2-13	5.50"	21.00	5.00"
LS-575-*	1.81"	3.75"	3.00"	3.00"	1.00"	0.75"	0.34"	1/2-13	5.50"	15.50	5.00"
LS-600-*	3.09"	4.00"	3.00"	6.00"	1.90"	1.16"	.50"	M20-2.5	7.10"	60.60	6.00"
LS-650-*	2.71"	3.98"	3.00"	3.96"	1.19"	.75"	.31"	M12-1.75	6.88"	26.10	6.00"





Link-Seal® Modular Seal Model Properties

with EPDM Seal Elements



EPDM (Black)
EPDM (Blue) Low Durometer

Model “C” or “L” Link-Seal Modular Seal
Suitable for use in water, direct ground burial and atmospheric conditions. Provides electrical isolation where cathodic protection is required.

Type: Standard
Seal Element: EPDM (Black) or EPDM (Blue)
Pressure Plates: Reinforced Nylon Polymer
Bolts & Nuts: Steel with 2-part Zinc Dichromate & proprietary corrosion inhibiting coating.
Temp. Range: -40 to +250°F (-40 to +121°C)*

Model “S-316” Link-Seal Modular Seal
For chemical processing & waste water treatment. EPDM rubber is resistant to most inorganic acids and alkalis, some organic chemicals (acetone, alcohol, ketones).

Type: Stainless
Seal Element: EPDM (Black) or EPDM (Blue)
Pressure Plates: Reinforced Nylon Polymer
Bolts & Nuts: 316 Stainless Steel
Temp. Range: -40 to +250°F (-40 to +121°C)*

* = Sustained operation near temperature limits may affect life expectancy.

with Nitrile Seal Elements



Nitrile (Green)

Model “O” Link-Seal Modular Seal
Nitrile rubber is resistant to oils, fuel and many solvents (gasoline, motor oil, kerosene, methane, jet fuel, hydraulic fluid, water, etc.).

Type: Oil Resistant
Seal Element: Nitrile (Green) Note: Not U.V resistant.
Pressure Plates: Reinforced Nylon Polymer
Bolts & Nuts: Steel with 2-part Zinc Dichromate & proprietary corrosion inhibiting coating.
Temp. Range: -40 to +210°F (-40 to +99°C)*

Model “OS-316” Link-Seal Modular Seal
Combination of oil resistant rubber and stainless steel hardware.

Type: Oil Resistant
Seal Element: Nitrile (Green) Note: Not U.V resistant.
Pressure Plates: Reinforced Nylon Polymer
Bolts & Nuts: 316 Stainless Steel
Temp. Range: -40 to +210 °F (-40 to +99°C)*

* = Sustained operation near temperature limits may affect life expectancy.

with Silicone Seal Elements



Silicone (Grey)

Model “T” Link-Seal Modular Seal
Silicone rubber is ideal for temperature extremes. The “T” model is one-hour Factory Mutual approved.

Type: High/Low Temperature
Seal Element: Silicone (Grey)
Pressure Plates: Steel Zinc Dichromate
Bolts: Steel with 2-part Zinc Dichromate & proprietary corrosion inhibiting coating.
Temp. Range: -67 to +400°F (-55 to +204°C)*

Model “FD/FS” Link-Seal Modular Seal
Double seal for added protection.

Type: Fire Seals
Seal Element: Silicone (Grey)
Pressure Plates: Steel zinc dichromate
Bolts: Steel with 2-part Zinc Dichromate proprietary corrosion inhibiting coating.
Temp. Range: -67 to +400°F (-55 to +204°C)*

NOTE: Sustains a constant temp. of 325°F. (163° C.)
* = Sustained operation near temperature limits may affect life expectancy.

Material Properties of Link-Seal Modular Seal Elements

PROPERTY	ASTM METHOD	EPDM (EPDM L)	NITRILE	SILICONE
Hardness (shore A)	D-2240	50 ±5 (40 ±5)	50 ±5	50 ±5
Tensile	D-412	1450 psi	1300 psi	860 psi
Elongation	D-412	400%	300%	250%
Compression Set	S-395	15%	45%	40%
		22 hrs. @ 158°F (70°C)	22 hrs. @ 212°F (100°C)	22 hrs. @ 350°F (177°C)
Specific Gravity	D-297	1.10	1.15	1.40

Material Properties of Composite Pressure Plates

PROPERTY	ASTM METHOD	VALUE
Izod Impact - Notched	D-256	2.05 ft-lb/in
Tensile Strength @ Yield	D-638	20,000 psi
Tensile Strength - Break	D-638	20,250 psi
Flexural Strength @ Yield	D-790	30,750 psi
Flexural Modulus	D-790	1,124,000 psi
Elongation, Break	D-638	11.07%
Specific Gravity	D-792	1.38
Moisture Content	--	0.18%

Bolt & Nut Specifications

Standard: Carbon Steel
Carbon steel, zinc dichromated per ASTM B633, with an additional corrosion inhibiting proprietary organic coating. (passes 1470 hour salt spray test)
Tensile Strength = 60,000 psi, minimum.

Option: Stainless Steel
ANSI Type = 316, Per ASTM F593-95
Tensile Strength = 85,000 psi, average.

Contact Canadian Distributor
POWER PLANT SUPPLY CO

http://www.powerplantsupplyco.com/products.php?prod_id=42