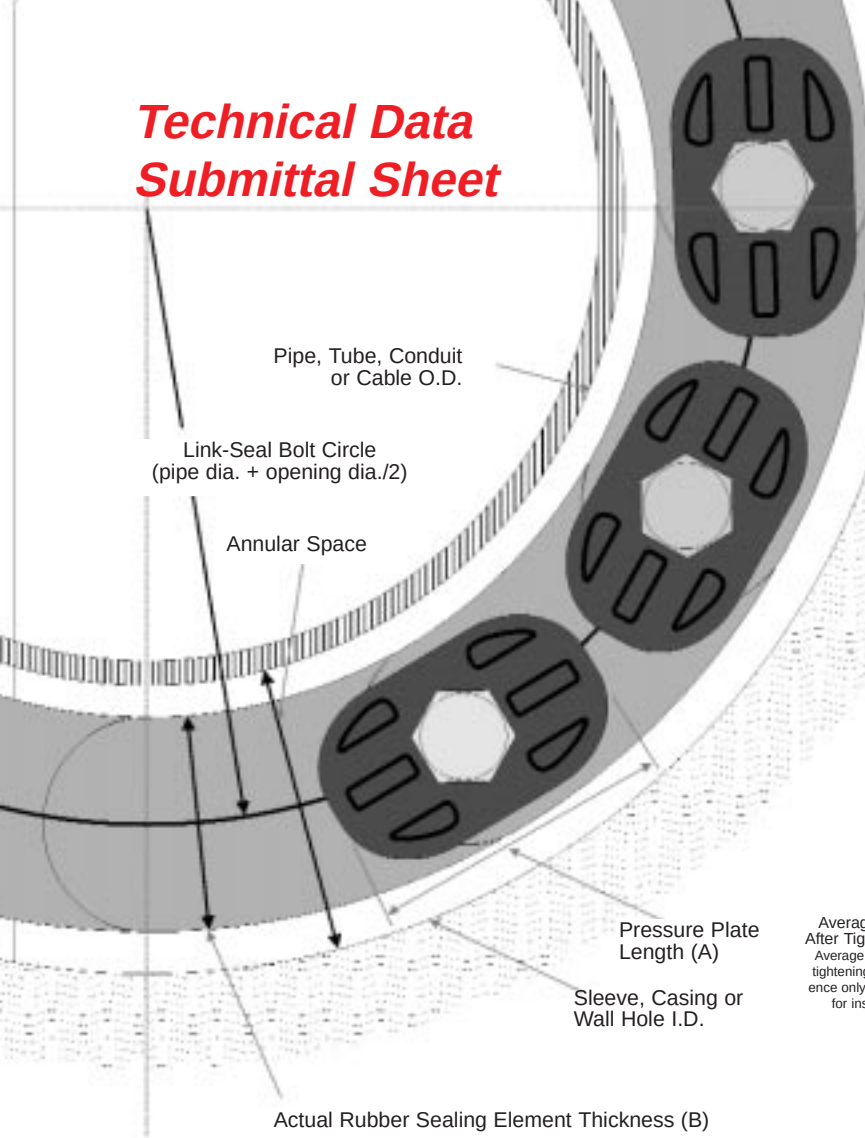
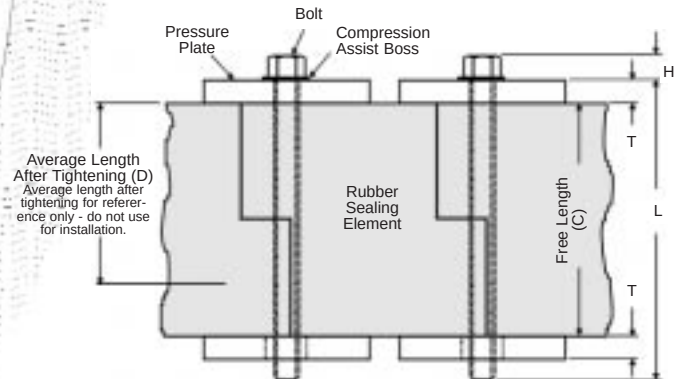




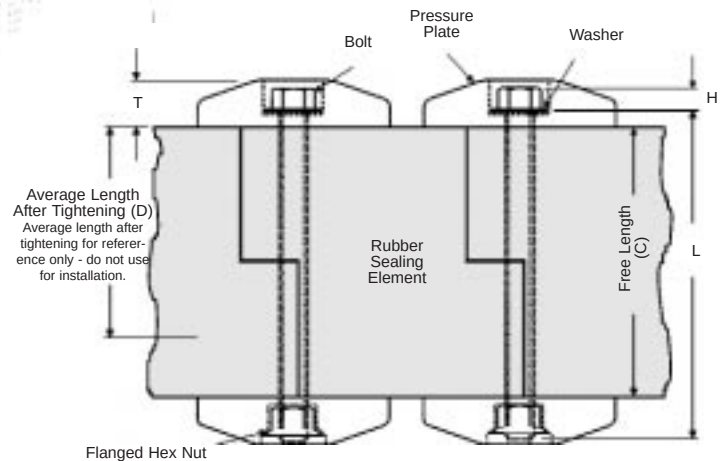
Technical Data Submittal Sheet



For LS-315 and Under



For LS-325 and Above



Dimensional Data for Models C, O, S-316 and OS-316 (Dimensions in inches except as noted)

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-C	0.48	1.75	1.38	1.06	0.31	M5 (slotted hex)	0.18	M5	2.50	0.75	2.25
LS-275-C	0.61	1.75	1.38	0.09	0.31	M5 (slotted hex)	0.18	M5	2.50	0.85	2.25
LS-300-C	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-C	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-C	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-C	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-C	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-C	1.38	3.50	2.75	3.50	1.06	0.56	0.25	3/8-16	5.00	12.00	5.00
LS-410-C	1.43	3.37	2.87	2.52	0.88	0.56	0.25	3/8-16	5.00	8.20	5.00
LS-425-C	1.06	3.00	2.25	3.50	1.19	0.56	0.25	3/8-16	5.00	10.00	5.00
LS-475-C	1.56	3.38	2.63	2.63	0.88	0.56	0.25	3/8-16	5.00	10.00	5.00
LS-500-C	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-C	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-C	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-C	3.09	4.00	3.00	6.00	1.90	29.6mm	12.8mm	M20X2.5	180mm	58.00	6.00



Link-Seal® Modular Seal Model



Link-Seal EPDM Seal Elements



EPDM (Black)

Model "C" 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)

Pressure Plates: Composite

Bolts & Nuts: Carbon steel, zinc dichromated with 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)

Pressure Plates: Composite

Bolts & Nuts: 316 Stainless Steel

Temp. Range: -40 to +250°F (-40 to +121°C)*

Link-Seal 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)

Pressure Plates: Composite

Bolts & Nuts: Carbon steel, zinc dichromated with 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)

Pressure Plates: Composite

Bolts & Nuts: 316 Stainless Steel

Temp. Range: -40 to +210 °F (-40 to +99°C)*

Link-Seal Silicone Seal Elements



Silicone (Grey)

Model "T" Link-Seal Modular Seal

Silicone rubber is ideal for temperature extremes. "T" model is one hour Factory Mutual approved.

Type: High/Low Temperature

Seal Element: Silicone (Grey)

Pressure Plates: Steel zinc dichromate

Bolts: Carbon steel, zinc dichromated with 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 & organic coating.

Temp. Range: -67 to +400°F (-55 to +204°C)*

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

Link-Seal Modular Seal - Specifications

Material Properties of Link-Seal Seal Elements

PROPERTY	ASTM METHOD	EPDM	NITRILE	SILICONE
Hardness (shore A)	D-2240	47 ±3	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	1.42	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 1000 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.



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