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 TECHNICAL DATA SHEET

# Bullet® liquidtight fittings

## Liquidtight flexible non-metallic conduit



01



02

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 01  
 straight LT38P black  
 fitting

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 02  
 90° LT38P black fitting

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**Features:**

- Connect assemblies to conduit without disassembly
- Designed to be installed with a positive installation criteria (gland bottoms on body shoulder)
- Rugged low profile non-metallic body and gland construction
- Captivated sealing “O” ring with predetermined compression for a reliable seal at enclosure
- Connector ferrule designed to accept variations in conduit inside diameter and is tolerant of field conduit cuts
- Designed to reduce friction between conduit I.D. and ferrule allowing conduit to seat properly for effective seal
- Easy installation
- Provides a double sealing action
- Elongated gland nut profile designed to provide additional strain relief for 90° pull and an easy hand grip
- Performance unaffected by exposure to detergents, cleaners, and sanitizers commonly encountered in food processing plants and tropical industrial environment.
- Performance unaffected by cutting fluids, wiring pulling compounds and Marine environment
- Meets industry standards for cold impact

Engineered to meet the demand for a tough, reusable, non metallic liquidtight fitting.

**Certifications / Standards:**



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**Applications:**

- A series of non-metallic connectors designed to provide a liquidtight seal when terminating liquid-tight non-metallic conduit (UL Type B) or non-metallic tubing to a box or enclosure with knockout opening or a threaded hub

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**Conforms to:**

- C.S.A. 22.2 No. 227.2 & No. 227.3
- ANSI/UL514B
- Watertight requirements of Type 4 and Type 6 enclosures
- Federal Standards H28 (NPT threads)

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**Material / Materials / Finishes**

- Body Gland-Weather stabilized thermoplastic (black)
- “O” Ring - Nitrile (blue)
- Locknut - Steel/ electro zinc plated
- Matl. temp. rating - Thermoplastic - 40°C to 105°C
- Material Flammability Rating: UL94-V2

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**Temperature range:**

- -18°C to +105°C (-2°F to +221°F)

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**Chemical resistance:**

- See publication TDS000081

**Technical Data:**

**Product selection and dimension**

Drawing	Part No.**	Trade Size	Dimensions					
			A Inches ±0.15 (mm) ±0.40	B* Inches ±0.15 (mm) ±0.90	C Inches ±0.15 (mm) ±0.40	D min. Inches (mm)	E Thread NPT (ISO)	F** approx. Inches (mm)
<b>LT38P series straight fittings</b>								
	LT38P (-ISO20)	3/8"	.570 (14.48)	1.595 (40.51)	1.354 (34.39)	.417 (10.59)	1/2 - 14 (20)	-
	LT50P (-ISO20)	1/2"	.570 (14.48)	1.636 (41.55)	1.448 (36.78)	.550 (13.97)	1/2 - 14 (20)	-
	LT75P (-ISO25)	3/4"	.582 (14.78)	1.757 (44.63)	1.740 (44.20)	.740 (18.80)	3/4 - 14 (25)	-
	LT100P	1"	.726 (18.44)	1.923 (48.84)	2.068 (52.53)	.940 (23.88)	1 - 11 1/2	-
	LT125P	1 1/4"	.750 (19.05)	2.164 (54.97)	2.494 (63.35)	1.257 (31.93)	1 1/4 - 11 1/2	-
	LT150P	1 1/2"	.767 (19.48)	2.353 (59.77)	2.784 (70.71)	1.453 (36.91)	1 1/2 - 11 1/2	-
	LT200P	2"	.794 (20.17)	2.605 (66.17)	3.362 (85.39)	1.883 (47.83)	2 - 11 1/2	-
<b>LT38P series 45° fittings</b>								
	LT438P	3/8"	.570 (14.48)	2.012 (51.10)	1.354 (34.39)	.417 (10.59)	1/2 - 14 (20)	1.534 (38.96)
	LT450P	1/2"	.570 (14.48)	2.092 (53.14)	1.448 (36.78)	.550 (13.97)	1/2 - 14 (20)	1.590 (40.39)
	LT475P	3/4"	.582 (14.78)	2.452 (62.28)	1.740 (44.20)	.740 (18.80)	3/4 - 14 (25)	1.821 (46.25)
	LT4100P	1"	.726 (18.44)	2.684 (68.17)	2.068 (52.53)	.940 (23.88)	1 - 11 1/2	2.034 (51.66)
	LT4125P	1 1/4"	.750 (19.05)	3.264 (82.91)	2.494 (63.35)	1.257 (31.93)	1 1/4 - 11 1/2	2.385 (60.58)
	LT4150P	1 1/2"	.767 (19.48)	3.605 (91.57)	2.784 (70.71)	1.453 (36.91)	1 1/2 - 11 1/2	2.604 (66.14)
	LT4200P	2"	.794 (20.17)	4.210 (106.93)	3.362 (85.39)	1.883 (47.83)	2 - 11 1/2	3.050 (77.47)
<b>LT38P series 90° fittings</b>								
	LT938P (-ISO20)	3/8"	.570 (14.48)	1.380 (35.05)	1.354 (34.39)	.417 (10.59)	1/2 - 14 (20)	1.880 (47.75)
	LT950P (-ISO20)	1/2"	.570 (14.48)	1.489 (37.82)	1.448 (36.78)	.550 (13.97)	1/2 - 14 (20)	1.986 (50.44)
	LT975P (-ISO25)	3/4"	.582 (14.78)	1.790 (45.47)	1.740 (44.20)	.740 (18.80)	3/4 - 14 (25)	2.212 (56.18)
	LT9100P	1"	.726 (18.44)	2.104 (53.44)	2.068 (52.53)	.940 (23.88)	1 - 11 1/2	2.508 (63.70)
	LT9125P	1 1/4"	.750 (19.05)	2.564 (65.13)	2.494 (63.35)	1.257 (31.93)	1 1/4 - 11 1/2	2.856 (72.54)
	LT9150P	1 1/2"	.767 (19.48)	2.854 (72.49)	2.784 (70.71)	1.453 (36.91)	1 1/2 - 11 1/2	3.144 (79.86)
	LT9200P	2"	.794 (20.17)	3.432 (87.17)	3.362 (85.39)	1.883 (47.83)	2 - 11 1/2	3.675 (93.34)

Note: Product must be installed in accordance with applicable national and local electrical codes.  
 \*\* Fittings with ISO threads will have the ISO threaded suffix as part of the catalog number. (Example: LT938PISO20)  
 \* After assembly

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