

TECHNICAL DATA SHEET - INTERACTIVE PDF

Non-metallic Type B liquid tight fittings

For use with Carflex™ conduit

Carflex™



01

02

Liquid-tight fittings that meet the demands for wet locations

Certifications / Standards:



3-Part Specification: 26 05 33.27

End User Tools

01 LT fitting - straight
02 LT fitting - 90 degrees

Features & Benefits:

- Meets UL 514B for liquid-tight fittings
- Straight and 90° liquid-tight fittings
- Trade sizes from 3/8" to 2" (12mm to 53mm)
- NPT Threads
- UL Listed for wet locations
- Nitrile o-ring helps provide liquid-tight connection
- Non-conductive and non-corrosive
- Easy to install

Applications:

- For use with liquid-tight flexible non-metallic type-B conduit only
- Suitable for use with Carflex® conduit, providing a full non-metallic system solution
- Industrial applications

Construction / Material / Finish:

- Gland Nut: Thermoplastic Polymer
- Sealing Ring: Flexible PVC
- Bushing: Thermoplastic Polymer
- Gasket: Neoprene
- Body: Thermoplastic Polymer
- O-Ring: Nitrile rubber
- Locknut:
 - 3/8" to 1" Zinc-plated steel
 - 1 1/4" to 2" PVC

Conforms to:

- UL 514B, Fittings for Cable and Conduit
 - File: E23018

Environment ratings:

Working Temperature:

- Gen: Up to 225° F (107° C)

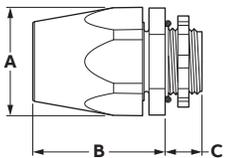
Chemical Resistance Guide:

- See Publication TDS000081 (Fittings: Steel, Iron & PA66 Polyamide)
- See Publication TDS000117 (Liquid-tight Flexible Metal Conduits)

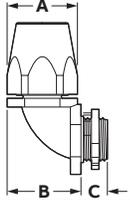
Product selection
Carflex™ Type B Liquidtight Fittings

Trade size			Thread Type		Straight Part no.	90° Part no.
Inches	Metric	ISO BS EN	Standard	Size		
3/8"	12mm	16mm	NPT	3/8"	LT43C	LT20C
1/2"	16mm	20mm	NPT	1/2"	LT43D-NEW	LT20D-NEW
3/4"	21mm	25mm	NPT	3/4"	LT43E-NEW	LT20E-NEW
1"	27mm	32mm	NPT	1"	LT43F-NEW	LT20F-NEW
1 1/4"	35mm	40mm	NPT	1 1/4"	LT43G	LT20G
1 1/2"	41mm	50mm	NPT	1 1/2"	LT43H	LT20H
2"	53mm	63mm	NPT	2"	LT43J	LT20J

Dimensions (approximate)

Drawing	Trade size			Inches			Millimeters			Weight	
	Inches	Metric	ISO BS EN	A	B	C	A	B	C	lbs.	kg
Carflex™ Type B LT Straight Fittings - NPT Threads											
	3/8"	12mm	16mm	1 3/8"	1"	3/2"	35.6	26.7	13.9	0.09	0.04
	1/2"	16mm	20mm	1 3/8"	1"	3/2"	35.6	26.9	14.2	0.08	0.04
	3/4"	21mm	25mm	1 11/16"	1 3/8"	3/2"	43.4	33.5	14.2	0.13	0.06
	1"	27mm	32mm	2"	1 1/2"	3/4"	51.8	38.1	17.8	0.16	0.07
	1 1/4"	35mm	40mm	2 1/2"	1 3/8"	1 1/16"	63.5	29.5	18.0	0.27	0.12
	1 1/2"	41mm	50mm	2 3/4"	1 3/8"	3/4"	70.6	34.5	19.1	0.33	0.15
	2"	53mm	63mm	3 3/8"	1 1/2"	7/8"	84.6	36.8	23.1	0.41	0.19

Carflex™ One-piece LT 90° Fittings - NPT Threads

	3/8"	12mm	16mm	1 1/2"	1 7/16"	1 7/16"	39.6	36.6	36.6	0.11	0.05
	1/2"	16mm	20mm	1 5/8"	1 3/4"	2"	41.1	44.7	52.1	0.09	0.04
	3/4"	21mm	25mm	1 7/8"	2"	2 3/8"	47.8	51.8	59.7	0.14	0.06
	1"	27mm	32mm	2 1/4"	2"	2"	57.4	51.1	51.1	0.24	0.11
	1 1/4"	35mm	40mm	2 1/2"	2 1/2"	3 1/2"	63.0	63.5	90.2	0.30	0.14
	1 1/2"	41mm	50mm	2 3/4"	2 13/16"	4"	70.4	71.1	101.1	0.41	0.19
	2"	53mm	63mm	3 5/16"	3 1/2"	4 9/16"	84.6	88.4	115.8	0.59	0.27

Note:

- Dimensions for reference only.
- Product must be installed in accordance with applicable national and local electrical codes.