
 TECHNICAL DATA SHEET

XTRA FLEX® Conduit

Liquidtight non-metallic conduit type B

T&B Liquidtight Systems®



Liquidtight flexible non-metallic conduit type B with a smooth sunlight- and oil-resistant outer jacket, approved for outdoor use.

3-Part Specification Tools and Calculators

Features:

- Liquidtight flexible non-metallic conduit Type B
- Smooth outer jacket approved for outdoor use
- Sunlight- and oil-resistant
- Industrial grade - UL Listed/CSA Certified
- Fast installation - even in tight, cramped spaces
- Smooth inner diameter enables easy wire pulling
- Lightweight
- UL 1660 flammability rating
- Marked at 1-ft. intervals for fast, easy measuring and cutting
- Suitable for use in hazardous location where general purpose equipment is specially permitted by the NEC; Class I Div. 2; Class II, Div. 1&2; Class III, Div. 1&2
- Approved for direct-burial applications

Applications:

- Machine tools
- Motor hookups
- Food processing equipment
- Extensions from wireways
- Sensor and microswitch wiring in control consoles

Conforms to:

- LTC Series:
 - UL Listed, UL File No. E95745
 - CSA Certified, CSA File No. 088170_0_000
- LTC-GY Series:
 - cULus Listed, UL File No. E95745

Constructions / Materials / Finishes:

- Conduit sizes 3/8" to 2"
- PVC material


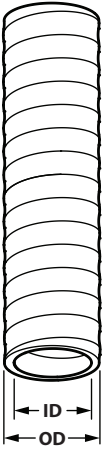

Temperature range:

- LTC Series: 105°C Dry, 60°C Wet, 70°C Oil (221°F Dry, 140°F Wet, 158°F Oil)
- LTC-GY Series: 80°C Dry, 60°C Wet, 60°C Oil (176°F Dry, 140°F Wet, 140°F Oil)

Colors:

- Black
- Gray
- Orange
- Blue

Product dimensions

Drawing	Part No:	Conduit Size	ID Inches		OD Inches	
			Min.	Max.	Min.	Max.
			Industrial Grade 			
	LTC038	3/8"	.485	.504	.609	.710
	LTC050	1/2"	.622	.642	.802	.840
	LTC075	3/4"	.820	.840	1.030	1.050
	LTC100-TB	1"	1.041	1.066	1.290	1.315
	LTC125-TB	1 1/4"	1.380	1.410	1.630	1.660
	LTC150-TB	1 1/2"	1.575	1.600	1.865	1.900
	LTC200	2"	2.020	2.045	2.340	2.375
	Commercial Grade 					
LTC038GY	3/8"	.484	.504	.690	.710	
LTC050GY	1/2"	.622	.642	.820	.840	
LTC075GY	3/4"	.820	.840	1.030	1.050	
LTC100GY	1"	1.041	1.066	1.290	1.315	
LTC125GY	1 1/4"	1.380	1.410	1.630	1.660	
LTC150GY	1 1/2"	1.575	1.600	1.865	1.900	
LTC200GY	2"	2.020	2.045	2.340	2.375	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Technical Data

Series	Style	Color	Size range	UL temp rating	CSA temp. rating	Voltage rating	UL oil resistant	UL outdoor	UL direct burial
LTC038	UL Type B LTFNMC*	Black	3/8" - 2"	105° C Dry 60° C Wet 70° C Oil	105° C Dry 60° C Wet 70° C Oil	600V	Yes	Yes	Yes
LTC038GY	UL Type B LTFNMC*	Gray	3/8" - 2"	80° C Dry 60° C Wet 60° C Oil	-	600V	Yes	Yes	Yes**
LTC050-1	UL Type B LTFNMC*	Orange	1/2" - 1"	105° C Dry 60° C Wet 70° C Oil	105° C Dry 60° C Wet 70° C Oil	600V	Yes	No	Yes
LTC050-2	UL Type B LTFNMC*	Blue	1/2" - 1"	105° C Dry 60° C Wet 70° C Oil	105° C Dry 60° C Wet 70° C Oil	600V	Yes	No	Yes

Note: Product must be installed in accordance with applicable national and local electrical codes.

*LTFNC = Liquidtight Flexible Non-Metallic Conduit

**Commercial trade size 1.25", 1.5" & 2" (LTC125GY, LTC150GY & LTC200GY) not UL listed for direct burial.

XTRA FLEX® conduit type B / reel lengths

Part no:	Description	Trade Size Inches	ID Inches		OD Inches		Reel length feet
			Min.	Max.	Min.	Max.	
LTC038GY-500	Gray Type B LT Conduit	3/8"	0.484"	0.504"	0.690"	0.710"	500 ft.
LTC050GY-500	Gray Type B LT Conduit	1/2"	0.622"	0.642"	0.820"	0.840"	500 ft.
LTC050-500	Black Type B LT Conduit	1/2"	0.622"	0.642"	0.820"	0.840"	500 ft.
LTC050GY-1000	Gray Type B LT Conduit	1/2"	0.622"	0.642"	0.820"	0.840"	1000 ft.
LTC100GY-500	Gray Type B LT Conduit	1"	1.041"	1.066"	1.290"	1.315"	500 ft.
LTC100-500	Black Type B LT Conduit	1"	1.041"	1.066"	1.290"	1.315"	500 ft.

Note: Product must be installed in accordance with applicable national and local electrical codes.

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