

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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