

## T&B® Fittings



**T&B Catalog Number:** LTC050GY  
**UPC Number:** 78621088076  
**Description:** 1/2" PVC Commercial Grade Type B non-metallic liquidtight conduit; color-Gray.

**Status:** Active

### Features

Also available in Black, Orange or Blue.

### General

Material	PVC
Color	Gray
Conduit Size (inches)	1/2

### Dimension Information

I.D. - Minimum (inches)	.622
I.D. - Maximum (inches)	.642
O.D. - Minimum (inches)	.820
O.D. - Maximum (inches)	.840

### Packaging

T&B Order Multiple	100
Package in Units	100
T&B Sold in UOM	Feet
T&B Weight Per UOM	14.3 lbs. per 100

### Application Support

MSDS Number	MSDS-0023-TB2
Guide to Nonmetallic Conduit Applications	Available on Website
XTRAFLEX System Specifications	Available on Website

### Notes

*Note	Commercial Grade U.L. Listed
**Note	80&#176; C temperature rated; UV resistant.

### Certifications

RoHS Compliance	Yes
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### Certifications



File Nbr:  
E 95745

**XTRA FLEX® System —****Conduit, Tubing, Fittings for Non-Metallic Liquidtight Conduit Material — PVC**

Smooth, sunlight- and oil-resistant outer jacket, approved for outdoor use!

**Smooth Liquidtight Non-Metallic Conduit Type B**

- Industrial grade — UL Listed/CSA Certified
- PVC material
- Liquidtight non-metallic conduit Type B
- Black color standard
- Fast installation — even in tight, cramped spaces
- Smooth inner diameter enables easy wire pulling
- Tested to CSA and UL requirements
- Lightweight and liquidtight
- Temperature range of -18° C to +105° C (-2° F to +221° F)
- UL1660 flammability rating
- Marked at 1-ft. intervals for fast, easy measuring and cutting

**Recommended industrial applications**

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

**XTRA FLEX® Conduit and Tubing Technical Data\***

LTFNMC = Liquidtight flexible non-metallic conduit

LTFNMT = Liquidtight flexible non-metallic tubing

XTRA FLEX® CONDUIT & TUBING	STYLE	COLOR	SIZE RANGE	UL TEMP RATING	CSA TEMP RATING	VOLTAGE RATING	UL OIL RESISTANT	UL OUTDOOR	UL DIRECT BURIAL	AVAILABLE COLORS		
										LTC - CAT. NO.	COLOR OF CONDUIT	COLOR OF MARKING
LTC038 Series	UL Type B LTFNMC	Black Black	3/8"-2"	105° C Dry 60° C Wet 70° C Oil	75° C-18° C —	600V	Yes	Yes	Yes	W/O SUFFIX	Black	Orange
LTC038-1, -2 Series	UL Type B LTFNMC	Orange, Blue	3/8"-1"	105° C Dry 60° C Wet 70° C Oil	—	600V	Yes	No	Yes	-1	Orange	Black
LTC038GY Series	UL Type B LTFNMC	Gray	3/8"-2"	80° C Dry 60° C Wet 70° C Oil	—	600V	Yes	Yes	Yes	-2	Blue	Black
EFC025 Series**	LTFNMT	Black	3/8"-2"	105° C	75° C-18° C	300V	Yes	Yes	No			
EFC025-1, -2** Series	LTFNMT	Orange, Blue	3/8"-1"	105° C	—	300V	Yes	No	No			

\*For a complete test report, contact Customer Service.

\*\*UL Component Recognized

**Industrial Grade**

CAT. NO.	CONDUIT SIZE	I.D. (IN.)		O.D. (IN.)	
		MIN.	MAX.	MIN.	MAX.
LTC038	3/8"	.484	.504	.690	.710
LTC050	1/2"	.622	.642	.820	.840
LTC075	3/4"	.820	.840	1.030	1.050
LTC100	1"	1.041	1.066	1.290	1.315
LTC125	1 1/4"	1.380	1.410	1.630	1.660
LTC150	1 1/2"	1.575	1.600	1.865	1.900
LTC200	2"	2.020	2.045	2.340	2.375

**Commercial Grade**

CAT. NO.	CONDUIT SIZE	I.D. (IN.)		O.D. (IN.)	
		MIN.	MAX.	MIN.	MAX.
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

Rated at 600V

XTRA FLEX® Type B suitable for use in hazardous location (for LTC Series only) where general purpose equipment is specifically permitted by the NEC, Class I Div. 2; Class II, Div. 1 & 2; Class III, Div. 1 & 2, NEC 501-4(b); 502-4(a)(5); 503-3(a)(5).

UL Listed, UL File No. E95745

CSA Certified, CSA File No. LL80349

See technical data below.

Use with Butler® Liquidtight Fittings.