

T&B® Fittings



T&B Catalog Number: LTC100-TB
UPC Number: 78621078956
Description: 1" PVC Industrial Grade Type B smooth non-metallic liquidtight conduit; color-Black. For use with Bullet® Liquidtight Fittings.
Status: Active

Features

- Fast installation, even in tight or cramped spaces.
- Smooth inner diameter allows easy wire pulling.
- Smooth outer jacket uses material approved for outdoor use, is sunlight resistant and oil resistant.
- Lightweight and liquidtight.

General

Material	PVC
Color	Black
Conduit Size (inches)	1
Recommended industrial applications	Machine tools, motor hookups, food processing equipment, extensions from wire ways, and sensor and micro switch wiring found in control consoles.

Dimension Information

I.D. - Minimum (inches)	1.041
I.D. - Maximum (inches)	1.066
O.D. - Minimum (inches)	1.290
O.D. - Maximum (inches)	1.315

Packaging

T&B Order Multiple	100
Package in Units	100
T&B Sold in UOM	Feet
T&B Weight Per UOM	28.4 lbs. per 100

Application Support

Guide to Nonmetallic Conduit Applications	Available on Website
XTRAFLEX System Specifications	Available on Website

Notes

*Note XTRAFLEX® Type B Conduit, LTC series only, suitable for hazardous location 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 Article 501-4(b), 502-4(a)(b); and 503-3(a)(b).

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.