



BE-NMC Series

Liquid-Tight Flexible Non-Metallic Conduit (NMLT) — Type B

Spec Sheet | Belle Electric Part Numbers | Available in coil and reel formats by size

PRODUCT DESCRIPTION

Liquid-Tight Flexible Non-Metallic Conduit (LFNC), Type B. Lightweight and flexible conduit with a rigid PVC spiral reinforcement core and smooth inner wall for fast, easy wire pulling. Resistant to corrosion, abrasion, and impact. Self-extinguishing.

GENERAL SPECIFICATIONS

Product Type:	Liquid-Tight Flexible Non-Metallic Conduit, Type B (LFNC-B)
Finish / Color:	Gray with manufacturer print
Inner Surface:	Smooth — for fast, easy wire threading
Construction:	Flexible PVC outer jacket with rigid PVC spiral reinforcement
Certification:	UL 1660 Listed File: E220585
Working Temp.:	-15°C to +65°C (+5°F to +149°F)
Tolerance:	+/- 3%

APPLICATIONS

- Protection of conductors from vapors, liquids, and solids
- Installations subject to vibration, movement, or settling
- Wet or damp locations requiring liquid-tight protection
- Direct burial applications
- Industrial machinery and equipment wiring

TECHNICAL SPECIFICATIONS — All Sizes

Trad e Size (in)	Coil Part #	Coil Qty	Reel Part #	Reel Qty	ID Min (m m)	ID Max (m m)	OD Min (m m)	OD Max (m m)	Wt g/m	Wt lb/ft
3/8	BE-NMC-38C	100 ft	BE-NMC-38R	—	12.3	12.8	17.5	18.0	160	0.11
1/2	BE-NMC-12C	100 ft	BE-NMC-12R	1,000 ft	15.8	16.3	20.8	21.3	180	0.12
3/4	BE-NMC-34C	100 ft	BE-NMC-34R	800 ft	20.8	21.3	26.2	26.7	260	0.17
1	BE-NMC-1C	100 ft	BE-NMC-1R	500 ft	26.4	27.1	32.8	33.4	420	0.28
1 1/4	BE-NMC-114 C	100 ft	BE-NMC-114 R	—	35.1	35.8	41.4	42.2	560	0.38
1 1/2	BE-NMC-112 C	50 ft	BE-NMC-112 R	—	40.0	40.6	47.4	48.3	640	0.43
2	BE-NMC-2C	50 ft	BE-NMC-2R	—	51.3	51.9	59.4	60.3	950	0.64

Tolerance: +/- 3% | C = Coil | R = Reel | — = Not available in that format



Gray LFNC-B conduit — smooth inner bore, rigid PVC spiral core

CERTIFICATIONS

- ✓ UL 1660 Listed — File: E220585
- ✓ cUL Listed (Canada)
- ✓ Complies with NEC Article 356
- ✓ LFNC-B Type designation

PART NUMBER GUIDE

Format: BE-NMC-[Size Code][Coil]

Size Code	Trade Size
38	3/8"
12	1/2"
34	3/4"
1	1"
114	1-1/4"
112	1-1/2"
2	2"

Coil suffix: C = 50 ft | R = 100 ft

Example: BE-NMC-12C = 1/2" conduit, 50 ft coil

All dimensions in mm unless otherwise noted. Tolerance +/- 3%. All information current at time of publication. Belle Electric reserves the right to update product information without notice. | Spec Sheet Rev. 2025