



## Type NM SIMpull™ NMLT

Non-Metallic Liquid-Tight Conduit. UL/CSA Listed, Crush, Oil, and Sunlight Resistant. Temperature Rated -30°C to 80°C.

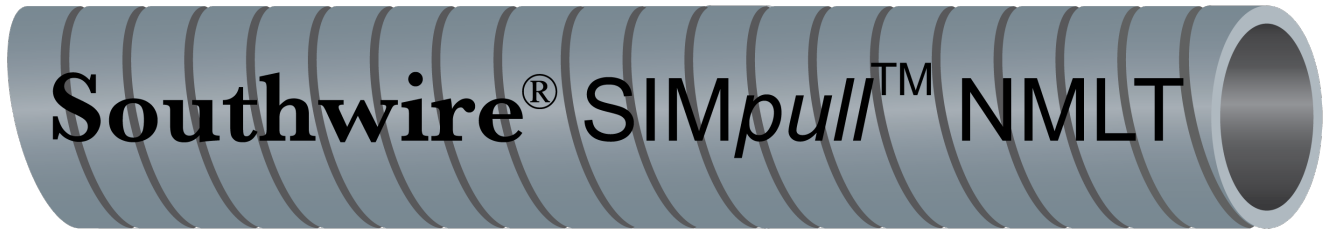


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **PVC:** Type NM SIMpull™ NMLT is manufactured with rigid PVC reinforcement imbedded within a flexible PVC wall. The construction provides excellent impact and crush strength while remaining highly flexible. The conduit resists oils, mild acids and exposure to sunlight.

### APPLICATIONS AND FEATURES:

Type NM SIMpull™ NMLT is suitable for the following installations:

- For the installation and protection of electrical conductors
- Motor circuits - for conductors of motor feeders, branch and control circuits.
- Where the conditions of installation, operation, or maintenance require flexibility or protection from liquids, vapors, solids, or weather
- Agricultural buildings per NEC® 547.5
- Used in industrial and commercial applications for conveyors, blowers, cranes, air conditioners, machine tooling and lubrication equipment
- Exposed or concealed installations
- Applications requiring movement, crossover connections, or tight bends
- For direct burial and encased in concrete
- For flexible connections to swimming pool, spa, and hot tub motors per NEC® 680.21(A)(3) & 680.42(A)(1)
- Electric signs and outline lighting supply and secondary-circuit conductors per NEC® 600.7, 600.31 (1000 volts or less) & 600.32 (over 1000 volts)
- Floating building feeders and services per NEC® 553.7
- Boatyards & Marinas in accordance with NEC® 555.13
- Cranes & Hoists in accordance with NEC® 610.11(C)
- For Elevator, Dumbwaiters, Escalators, Moving Walks, Wheel Chair Lifts & Stairway Chair Lifts in accordance with NEC® 620.21 (where expressly permitted)
- Under raised floors in information technology equipment conductors and cables in accordance with NEC® 645.5 (D) & 645.5(D)(2)
- Service entrance in lengths up to six feet per NEC® 230.43(15)
- For containment of 600 Volt and lower potential circuits
- Approved for use in lengths longer than 6 feet per NEC® 356.10(5)
- Motor leads per NEC® 430.145(B)

- **Hazardous location:**





- Class I, Div. 2 - NEC® 501.10(B)(2)
- Class II, Div. 1 - NEC® 502.10(A)(2)
- Class II, Div. 2 - NEC® 502.10(B)(2)
- Class III, Div. 1 - NEC® 503.10(A)(2)
- Class III, Div. 2 - NEC® 503.10(B)

**Type NM SIMpull™ NMLT Features**

- A protective combination of thermoplastic materials formed into a conduit/raceway which seals out water, liquids, abrasives, alcohol, coolants, corrosive fumes and gases, dirt, grease, mineral acids, non-concentrated fixed alkalines, petroleum oils, salt air and spray, and weather
- Smooth interior for easy wire pulling
- UV sunlight resistant jacket
- Rated for temperature range of -30°C to 80°C , 60°C Oil (-22 to +176, 140°F Oil)
- Accepts standard liquid-tight fittings for use with LFNC-B

**SPECIFICATIONS:**

- UL 1660 Liquid-Tight Flexible Nonmetallic Conduit
- CSA C22.2 No. 227.2.1 Liquid-Tight Flexible Non-Metallic Conduit
- NFPA 70 (National Electrical Code), Article 356 - Liquidtight flexible nonmetallic conduit

**SAMPLE PRINT LEGEND:**

SOUTHWIRE

SIMpull{TM}

LIQUID-TIGHT FLEXIBLE NONMETALLIC CONDUIT TYPE B X" (XX) {UL}-{CSA} 80{D}C DRY 60{D}C WET 60{D}C OIL RES  
OUTDOOR DIR / BUR IN US SR

**Type NM SOUTHWIRE® SIMpull™ NMLT**

Trade Size	Inner Diam (Min/Max)	Outer Diam (Min/Max)	Weight	Minimum Bend Radius
Inch	Inch	Inch	Lb/100ft	Inch
1/2	0.622/0.642	0.820/0.840	129	6.5
3/4	0.820/0.840	1.030/1.050	178	8.5
1	1.041/1.066	1.290/1.315	259	13
1-1/4	1.380/1.410	1.630/1.660	309	16

**Put Ups**

TRADE SIZE (Inch)	50 ft	100 ft	250 ft	400 ft	1000 ft
1/2		13898401			13898402
3/4		13898501			13898502
1		13898601		13898602	
1 1/4	13898701		13898702		

