Type NM SIM*pull*™ NMLT

Non-Metallic Liquid-Tight Conduit. UL/CSA Listed, Crush, Oil, and Sunlight Resistant. Temperature Rated -30°C to 80°C. Made with SIM technology for easier pulling

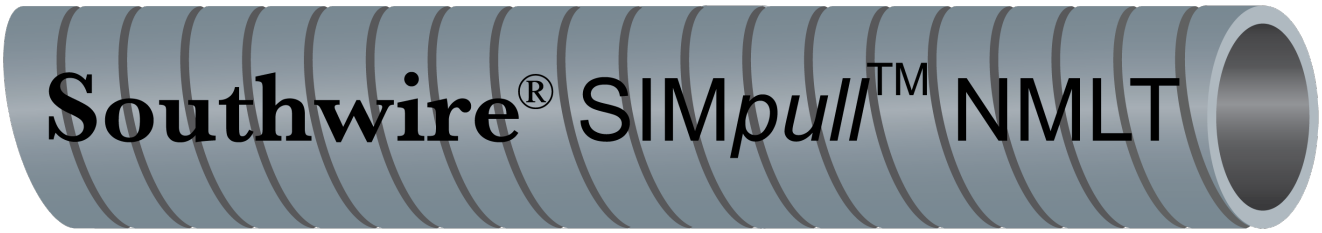

Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **PVC:** Type NM SIM*pull*™ 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. Made with SIM technology for easier pulling

APPLICATIONS AND FEATURES:

Type NM SIM*pull*™ 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)

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- **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 SIM*pull*™ 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		

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