Ultratite® Type NM

Liquidtight Flexible Nonmetallic Conduit. UL/CSA Listed. Oil-Resistant. Sunlight-Resistant. Crush-Resistant. Temperature Rated -30°C to 80°C.

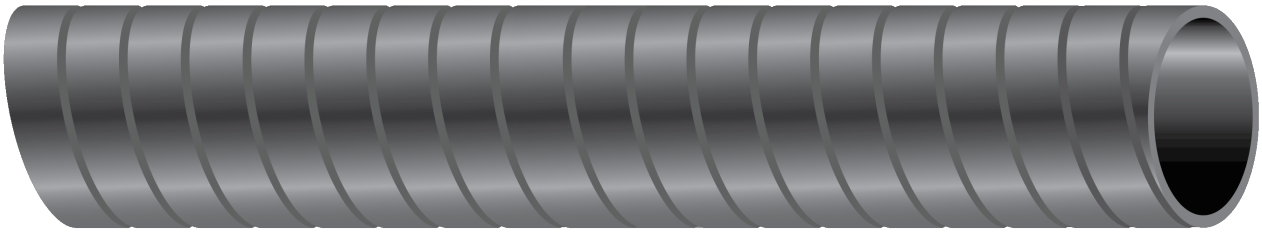


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **PVC:** Ultratite® Type NM 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:

Ultratite® Type NM 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)

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- 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)

Ultratite® Type NM 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
- NFPA 70 (National Electrical Code), Article 356 - Liquidtight flexible nonmetallic conduit

SAMPLE PRINT LEGEND:

SOUTHWIRE ULTRATITE{R} MASTER-DESIGN LIQUID-TIGHT FLEXIBLE NONMETALLIC CONDUIT TYPE B X" (35) {UL}-{CSA} 80{D}C DRY 60{D}C WET 60{D}C OIL RES OUTDOOR DIR / BUR IN US SR

Ultratite® Type NM

Trade Size	Inner Diam (Min/Max)	Outer Diam (Min/Max)	Weight	Minimum Bend Radius
inch	inch	inch	lb/100 ft	inch
3/8	0.484/0.504	0.690/0.710	11	3*
1/2	0.622/0.642	0.820/0.840	13	4
3/4	0.820/0.840	1.030/1.050	18	5
1	1.041/1.066	1.290/1.315	26	6
1-1/4	1.380/1.410	1.630/1.660	31	8
1-1/2	1.575/1.600	1.865/1.900	45	10
2	2.020/2.045	2.340/2.375	62	12

* Suggestion only. Non-NEC requirement

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Put Ups

TRADE SIZE (Inch)	25 ft	50 ft	100 ft	150 ft	250 ft	300 ft	400 ft	500 ft	600 ft	1000 ft
3/8			55094101						55094106	
1/2			55094201							55094202
3/4			58046301/ 55094301							55094303
1			55094401				55094404			
1-1/4		55094501			55094504					
1-1/2		55094601		55094604						
2		55094801	55094804							

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