

# Type NM

A general purpose, UL and CSA listed, nonmetallic liquidtight conduit offering excellent protection to wiring from abrasion, sunlight, mild acids, alkaline and oils. Often used for air conditioning hook-ups and other outdoor applications.

## Construction:

- Type NM is a helically wound integral Type B construction. It contains a spiral of rigid PVC reinforcement imbedded within the PVC wall.

## Application:

Type NM is intended for installation in accordance with Article 356 of the NEC (ANSI/NFPA-70) for Flexible Liquidtight Nonmetallic Conduit (LFNC-B or FNMC-B).

- For containment of 1000 volt and lower potential circuits.
- Listed and marked for outdoor use.
- Listed and marked for direct burial and in poured concrete
- Installations in hazardous (classified) locations:
  - Class I Div. 2 Article 501
  - Class II Div. 1 & 2 Article 502
  - Class III Div. 1 & 2 Article 503
- Electric signs and outdoor lighting over 1000 volts. Article 600.32(A).
- Wiring methods for pools and spas. Article 680.

Conforms to the requirements of Section 14.5.5 of the electrical Standard for Industrial Machinery NFPA-79.

## Fittings:

Suitable for use with nonmetallic fittings marked for FNMC-B or LFNC-B for liquidtight flexible nonmetallic conduit Type B or with standard metal liquidtight fittings. See [NMLT connectors](#) for further information.

*Continuous lengths on reels available in 1/2" and 3/4" diameters only. Larger sizes available in non-continuous lengths on reels. Sections are tied or taped and must be separated for use.*

## Markets:



All Products Proudly Made in the USA

## Product Information

### CERTIFICATIONS & COMPLIANCE



Listed File # E79308

Conforms to Underwriters

Laboratories Standard ANSI/UL

1660 Type B.



Certified File #LL230485

Conforms to CSA 22.2 No. 227.2

Type B.



**WEEE and RoHS Compliant**

**ARRA:** For ARRA Certification

Letter, please [click here](#)

### STANDARD COLORS

Machine Tool Gray. Also available in black. **Other colors available upon request.**

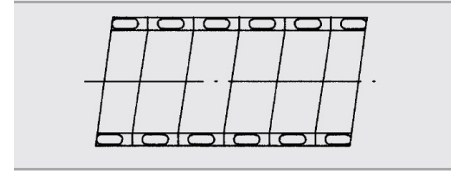
### WORKING TEMPERATURES:

-20°C to 80°C Dry / 60°C Wet / 70°C

Oil For higher temperature version, see

**Type NMHT.**

Cell Towers, Construction, Data Centers, Fixture / AC Whips, Healthcare, Power  
Plants, Rail/Transit, Renewable Energy, Security, Ship Building,  
Telecommunications, Utilities, Wastewater Treatment



NM Type B

## Product Table

US Trade Size	ISO (MM)	CSA (MM)	Type	Internal Diameter		Outer Diameter		Inside Bend Radius	Weight	Standard Length			
				Min (IN.)	Max (IN.)	Min (IN.)	Max (IN.)	Static (IN.)	Lbs. per 100 Ft	Carton (Ft.)	Part #	Reel (Ft.)	Part #
3/8"	16	12	NM-10	0.484	0.504	0.690	0.710	2.0	10	100	81001	1000	81004
1/2"	20	16	NM-11	0.622	0.642	0.820	0.840	3.25	11	100	81011	1000	81014
3/4"	25	21	NM-12	0.820	0.840	1.030	1.050	4.25	15	100	81022	500	81024
1"	32	27	NM-13	1.041	1.066	1.290	1.315	6.5	25	100	81032	400	81034
1 1/4"	40	35	NM-14	1.380	1.410	1.630	1.660	8.0	34	100	81042		
1 1/2"	50	41	NM-15	1.575	1.600	1.865	1.900	9.0	42	50	81052		
2"	63	53	NM-16	2.020	2.045	2.340	2.375	11.0	60	50	81062		

### related products



## Type NMHT

This version of Type NM is designed to withstand high temperature environments. NMHT can be used to contain conductors having insulation materials with higher temperature ratings.

[see product detail »](#)



## Type NM2

Type NM2 is an extra-flexible liquidtight nonmetallic tubing. This lightweight tubing cuts easily and installs quickly. It is ideal for wiring protection in tight quarters and for tight bends. The thin, flexible PVC skin allows for greater movement than Listed nonmetallic conduits.

[see product detail »](#)



## Type LNMP

This UL and CSA listed nonmetallic liquidtight conduit is ideally suited for continuous flexing situations. It is often specified in "Power Track" or cable carrier installations and on industrial robots. It does not contain a metal core which could fatigue from repeated flexing or vibration.

[see product detail »](#)

## Type NMLT & NMSC

Type NMLT and NMSC nonmetallic connectors are intended to be used with liquidtight nonmetallic conduit Type B. ( NM, NMHT, NMFG and NM2.) They are not to be used with Type A (LNM-P) conduit or steel conduit.

[see product detail »](#)