

# 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.



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## Construction:

### Inner Core:

- Flexible PVC
- Nylon reinforcing braid

### Liquidtight Jacket:

- Flexible PVC
- Resistant to **Oils and Mild Acids**
- Flame Retardant
- Sunlight Resistant (UV)

## Application:

Type LNM-P is intended for installation in accordance with Article 356 of the NEC (ANSI/NFPA-70) for flexible liquidtight nonmetallic conduit (LFNC-A or FNMC-A).

- For containment of 1000 volt and lower potential circuits.
- Listed and marked for outdoor use.
- 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 600.31(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:

## Product Information

### CERTIFICATIONS & COMPLIANCE



Listed File # E79308

Conforms to Underwriters

Laboratories Standard ANSI/UL

1660 CSA 22.2 No. 227.2 type A.



**WEEE and RoHS Compliant**

**ARRA:** For ARRA Certification

Letter, please [click here](#)

### STANDARD COLORS

Safety Orange. Also available in Black and Gray.

### WORKING TEMPERATURES:

-55°C to 105°C Dry/60°C Wet/70°C Oil

UL/CSA: -18°C to 105°C Dry/60°C

Wet/70°C Oil

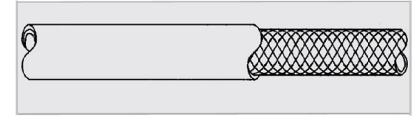
-67°F to 221°F Air/140°F Wet / 158°F Oil

UL/CSA: -0°F to 221°F Air/140°F Wet /

158°F Oil

Fittings for layered conduit are for that conduit only and are so identified by the marking "FNMC-A" or "LFNC-A" for liquidtight flexible nonmetallic conduit Type A. 1/2" straight examples include:

- Thomas & Betts (Steel) #3721 (Plastic) #6302
- Appleton Electric # STNM-50
- Kellems / Hubell # H050CNK



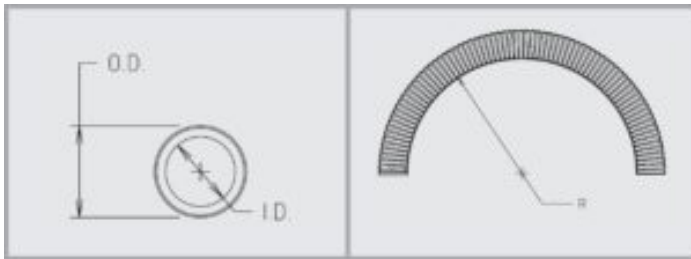
## Packaging:

LNMP-P

Coiled in cartons or in random lengths (minimum 50 feet) on non-returnable Reels.

## Markets:

Machine Tool (OEM), Mining, Oil & Gas Refineries, Power Plants, Robotics, Steel Mills, Utilities



## Product Table

	US Trade Size	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	ISO (MM)	16	20	25	32	40	50	63
	CSA (MM)	12	16	21	27	35	41	53
	Type	LNMP 10	LNMP 11	LNMP 12	LNMP 13	LNMP 14	LNMP 15	LNMP 16
Internal Diameter	Min (IN.)	0.485	0.620	0.815	1.030	1.370	1.585	2.045
	Max (IN.)	0.505	0.640	0.835	1.055	1.395	1.620	2.080
Outer Diameter	Min (IN.)	0.755	0.910	1.150	1.415	1.800	2.045	2.605
	Max (IN.)	0.775	0.930	1.170	1.440	1.825	2.080	2.640
Inside Bend Radius	Static (IN.)	2.5	3.0	4.0	6.0	7.0	8.0	9.0
Weight	Lbs. per 100 Ft	16	21	31	42	61	79	120
	Carton (Ft.)	100	100	100	100	100	50	50
Standard Length	Part #	87001	87101	87201	87302	87402	87502	87602
	Reel (Ft.)	250	200	175	400	200	150	100
	Part #	87002	87102	87202	87304	87404	87503	87603
	Reel (Ft.)	500	500	500				
	Part #	87003	87103	87204				
	Reel (Ft.)	1000	1000					
	Part #	87004	87104					

### related products



## 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.

[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 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 »](#)



## Private: Type CL

CL is a nonmetallic UL Recognized nylon corrugated Mechanical Protection Tubing (MPT) designed for the support and routing of conductors and cables. It is used as a UL / CSA component within OEM equipment.

[see product detail »](#)