

# Type LNMP Food Grade

**Part of the Food Grade Conduit Family.**

*This UL listed (cULus) nonmetallic liquidtight blue conduit is now antimicrobial and is designed for a variety of installations regarding motion, vibration, and bending on food processing equipment. 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.*

## Construction:

### Inner Core:

- Flexible PVC
- Nylon reinforcing braid

### Liquidtight Jacket:

- Flexible PVC made from an FDA-approved compound
- Formulated for "Splash Zone" food and beverage contact
- Meets FDA CFR21 and NSF 51/61 requirements
- Resistant to **Oils and Mild Acids**
- Flame Retardant
- Sunlight Resistant (UV)

## Application:

Type LNMP is a Certified Component for NSF/ANSI 169 special purpose food equipment.

- Smooth exterior for easy washdown
- Resistant to Sodium Hypochlorite (Bleach)
- NEW Antimicrobial jacket with biocide additive

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

- For containment of 1000 volt and lower potential circuits.
- Listed and marked for outdoor use.
- Installations in hazardous (classified) locations:



All Products Proudly Made in the USA

## 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](#)



NSF Certified Component **NSF Listing**



BABA Compliant

### STANDARD COLORS

Blue.

### WORKING TEMPERATURES:

-37°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

-34.6°F to 221°F Air/140°F Wet / 158°F Oil

- 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

UL/CSA: -0°F to 221°F Air/140°F Wet /  
158°F Oil

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

## Fittings:

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:

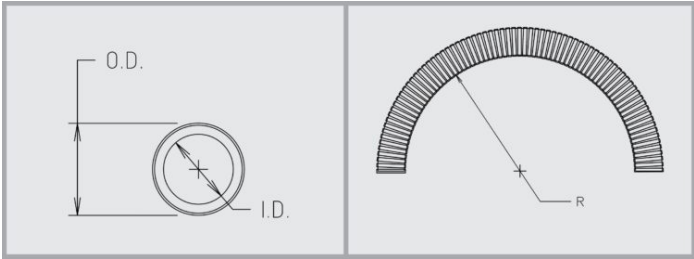
- Thomas & Betts (Steel) #3721 (Plastic) #6302
- Appleton Electric # STNM-50
- Kellems / Hubell # H050CNK

## Packaging:

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

## Markets:

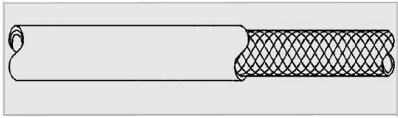
Food Processing, Healthcare, Pharmaceuticals



## 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 # |
| 1/2"          | 20       | 16       | LNMP 11 | 0.620             | 0.640     | 0.910          | 0.930     | 3.0                | 21              | 100             | 87141  |
| 3/4"          | 25       | 21       | LNMP 12 | 0.815             | 0.835     | 1.150          | 1.170     | 4.0                | 31              | 100             | 87241  |
| 1"            | 32       | 27       | LNMP 13 | 1.030             | 1.055     | 1.415          | 1.440     | 6.0                | 42              | 100             |        |
| 1 1/4"        | 40       | 35       | LNMP 14 | 1.370             | 1.395     | 1.800          | 1.825     | 7.0                | 61              | 100             |        |
| 1 1/2"        | 50       | 41       | LNMP 15 | 1.585             | 1.620     | 2.045          | 2.080     | 8.0                | 79              | 50              |        |
| 2"            | 63       | 53       | LNMP 16 | 2.045             | 2.080     | 2.605          | 2.640     | 9.0                | 120             | 50              |        |

related products



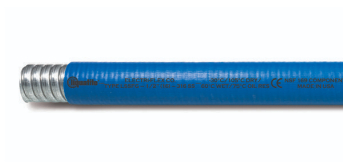
LNMP



## Type LAFG

A UL Listed, CSA Certified, flexible liquidtight steel conduit that is now antimicrobial and is designed for a variety of installations regarding motion, vibration, and bending on food processing equipment.

[see product detail »](#)



## Type LSSFG

A non-UL liquidtight stainless steel flexible conduit that is now antimicrobial, and is designed for a variety of installations requiring motion, vibration, and bending on food processing equipment. It offers excellent resistance to corrosion.

[see product detail »](#)



## Type NMFG

A Food Grade nonmetallic liquidtight conduit that offers excellent protection to wiring from abrasion, sunlight, mild acids, alkaline and oils. It is intended for food and beverage machinery applications.

[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 »](#)