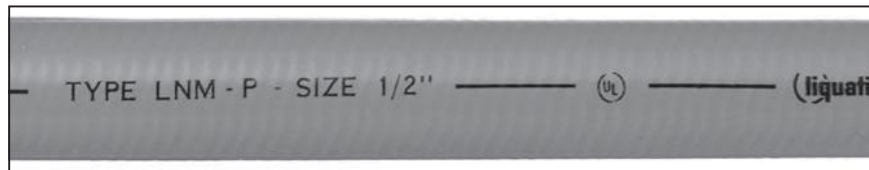


T&B Conduit Fittings

Liquatite® Flexible Conduit—Nonmetallic



Type LNM-P



Trade Size (in.)	Cat. No.	Carton Content (m)	Cat. No.	Reel Content (m)	Cat. No.	Reel Content (m)	Inside Dia.		Outside Dia.		Inside Bend Radius in. (mm)	Wt. kg/30m
							Min. in. (mm)	Max. in. (mm)	Min. in. (mm)	Max. in. (mm)		
3/8	LNMP038-75	75	LNMP038-150	150	LNMP038-300	300	0.485(12.32)	0.505(12.83)	0.755(19.18)	0.775(19.69)	2.5 (63.5)	7
1/2	LNMP050-60	60	LNMP050-150	150	LNMP050-300	300	0.620(5.08)	0.640(16.26)	0.910(23.11)	0.930(23.62)	3.0 (76.2)	10
3/4	LNMP075-50	50	LNMP075-150	150	-	-	0.815(20.70)	0.835(21.21)	1.150(29.21)	1.170(29.72)	4.0 (101.6)	14
1	LNMP100-30	30	LNMP100-120	120	-	-	1.030(26.16)	1.055(26.80)	1.415(35.94)	1.440(36.58)	6.0 (152.4)	19
1-1/4	LNMP125-30	30	LNMP125-60	60	-	-	1.370(34.80)	1.395(35.43)	1.800(45.72)	1.825(46.36)	7.0 (177.8)	28
1-1/2	LNMP150-15	15	LNMP150-45	45	-	-	1.585(40.26)	1.620(41.15)	2.045(51.94)	2.080(52.83)	8.0 (203.2)	36
2	LNMP200-15	15	LNMP200-30	30	-	-	2.075(52.71)	2.100(53.34)	2.555(64.90)	2.590(65.79)	9.0 (228.6)	54

Type LNM-P

This 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.

Construction

LNM-P is of the Layered, Type-A construction which incorporates a smooth seamless inner core of flexible PVC that is bonded to a covering of flexible PVC. Between these layers is a woven nylon mesh for added reinforcement. The PVC material is a high quality flame-retardant compound which resists oils, mild acids and exposure to sunlight.

Applications

General Use:

In accordance with CEC Rule 12-1002 (1) the flexible metal conduit is permitted in or on buildings of either combustible or non-combustible constructions.

Restriction and Exception:

CEC Rule 12-1004 (a): "12 (3/8) trade size flexible metal conduit shall be permitted to be used for runs of not more than 1.5 m (5 ft) for the connection of equipment." and CEC Rule 12-1004 (b): "12 (3/8) trade size liquidtight flexible conduit may be used as permitted by this code."

Securement with straps:

CEC Rule 12-1010 (3): "When flexible metal conduit is installed, it shall be secured at intervals not exceeding 1.5 m (5 ft) and within 300 mm (12 in.) on each side of every

outlet box or fitting except where flexible metal conduit is fished and except for lengths of not over 900 mm (3 ft) at terminals where flexibility is necessary."

Conductor fill:

CEC Rule 12-1014 defines the maximum number of conductor, the CEC Tables 6 provides the maximum number of conductors of one size in trade sizes of conduit,

CEC Table 8 provides the maximum allowable per cent conduit fill, and CEC Table 9 provides the cross-sectional areas of conduit.

Specific Use and applications:

Elevators, Hoistways, in accordance with CEC Rules 38-021 (1) (a) (1) and 38-0221 (1) (a) (iv)

Elevators, Cars, in accordance with CEC Rules 38-021 (1) (b) (v)

Elevators, Within Machine Rooms, Control Rooms and Machinery Spaces and Control Spaces, in accordance with CEC Rule 38-021 (1) (c) (1)

Elevators, Counterweights, in accordance with CEC Rule 38-021 (1) (d)

EScalators, in accordance with CEC Rule 38-021 (2)

Lifts for persons with physical disabilities, in accordance with CEC Rule 38-021 (3)

Theater installation, in accordance with CEC Rule 44-102 (1)

Working temperatures

-20°C to 60°C

Listing / Certification

Listed. Conforms to UL Standard ANSI/UL 1660 type A



Certified. Conforms to CSA 22.2 No. 227.2 type A



Standard Colour

Safety Orange. Also available in Black and Grey. Part numbers listed designate Orange jacket.

Fittings

Fittings for Layered Conduit are for that conduit only and are so identified by the marking "FNMC-A".

Recommendation:

"Suitable for use with 3700 Series, Type A, Metal Fittings from Thomas & Betts". Refer to pgs. 101, 102.



LNM-P TYPE A