



Ordering Information

LIQUID-TUFF™

Computer Blue UL Liquidtight Flexible Metal Conduit, Type LFMC

Description

- UL bonded strip 3/8" – 1¼"
- UL Liquidtight all sizes
- Sunlight resistant
- Flame retardant PVC jacket
- Hot dipped zinc galvanized low carbon steel core
- Blue PVC jacket

Temperature Rating

- 80°C to -30°C Dry
- 60°C Wet
- 70°C Oil resistant

Applications

- Raised computer room floors per NEC® 645.5(D)
- 600 volt and lower circuits
- Direct burial in earth
- Concrete embedment
- Suitable for grounding per NEC® 250.118(7)
- Hazardous location per NEC® 501

Full Engineering Specifications Page 31



References & Ratings

- UL 360, File Reference E26540
- CSA LL51593, CSA C22.2 Number 56
- NEC® 250.118(7), 350, 390.15, 501.4(B)(2), 502.4(A)(1)(e), 503.3(A)(2), 511.7(A)(1), 645.5(D)(2), 680.21, 680.42, 695.6(E), 695.14(E)
- Canadian Electrical Code (CEC) Part I Clause 12-1300
- UL copper bonding strip 3/8" – 1¼"
- UL approved for use in direct burial applications including concrete and earth burial (Sizes 3/8" through 4")
- Conduit in sizes 1½" and larger requires grounding conductor per NEC® 250.118(7)

Ordering Information

Product Dimensions/Bend Radius

Product Code	Trade Size (inches)	Trade Size (mm)	Coil Length (feet)	Reel Length (feet)	Approx. Weight/100 feet (pounds)	External Diameter (inches)		Internal Diameter (min/max) inches	Bend Radius (inches)
						Over Conduit (min/max)	Over Jacket (min/max)		
6402-30-00	1/2	16	100'	—	31	0.732/0.765	0.820/0.840	0.622/0.642	3.25
6402-45-00	1/2	16	—	500'	31	0.732/0.765	0.820/0.840	0.622/0.642	3.25
6402-60-00	1/2	16	—	1000'	31	0.732/0.765	0.820/0.840	0.622/0.642	3.25
6403-30-00	3/4	21	100'	—	49	0.930/0.960	1.030/1.050	0.820/0.840	4.25
6403-45-00	3/4	21	—	500'	49	0.930/0.960	1.030/1.050	0.820/0.840	4.25
6403-66-00	3/4	21	—	2000'	49	0.930/0.960	1.030/1.050	0.820/0.840	4.25
6404-30-00	1	27	100'	—	79	1.201/1.226	1.290/1.315	1.041/1.066	6.5
6404-41-00	1	27	—	400'	79	1.201/1.226	1.290/1.315	1.041/1.066	6.5
6405-24-00	1¼	35	50'	—	103	1.540/1.570	1.630/1.660	1.380/1.410	8
6405-40-00	1¼	35	200'	—	103	1.540/1.570	1.630/1.660	1.380/1.410	8

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.

Review NEC® 250.118(7) for grounding requirements, conduit sizes 1½" and larger.