



Ordering Information

LIQUID-TUFF™

UL Liquidtight Flexible Non-Metallic Conduit Type A Orange (Type LFNC-A)

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Description

- Layered Type A construction per NEC® 356.2(1)
- Nylon reinforced braid between two layers of PVC for strength and flexibility
- Flame retardant compound
- Sunlight resistant
- Oil resistant
- Mild acid resistance
- Non-conductive raceway



Temperature Rating

- 80°C/176°F Dry
- 60°C/140°F Wet
- 60°C/140°F Oil resistant

Applications

- Constant flexing and motion applications
- Signage and outdoor lighting over 1000 volts
- Hazardous locations per NEC® 501
- Industrial and commercial applications
- Physical protection from abrasion of the conductors inside
- Indoor or outdoor locations

References & Ratings

- UL 1660 E123464
- NEC® 250.102, 250.134(B), 356, 390.15, 501.4(B)(2), 502.4(A)(1)(e), 503.3(A)(2), 511.7(A)(1), 620.21, 645.5(D)(2), 680.21, 680.23, 680.25, 680.27, 680.42, 695.6(E) and 695.14(E)

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Product Dimensions/ Bend Radius

Product Code	Trade Size (inches)	Trade Size (mm)	Coil Length (feet)	Reel Length (feet)	Approx. Weight/100 feet (pounds)	Wall Thickness	Internal Diameter (min/max) inches	External Diameter (min/max) inches	Bend Radius (inches)
6501-30-00	3/8	12	100'	—	14	0.035	0.475/0.515	0.745/0.785	2
6502-30-00	1/2	16	100'	—	16	0.035	0.610/0.650	0.900/0.940	3.25
6502-60-00	1/2	16	—	1000'	16	0.035	0.610/0.650	0.900/0.940	3.25
6503-30-00	3/4	21	100'	—	18	0.035	0.805/0.845	1.140/1.180	4.25
6504-30-00	1	27	100'	—	29	0.035	1.020/1.065	1.400/1.450	6.5
6504-45-00	1	27	—	500'	29	0.035	1.020/1.065	1.400/1.450	6.5
6505-24-00	1¼	35	50'	—	40	0.040	1.360/1.405	1.790/1.835	8
6506-24-00	1½	41	50'	—	83	0.040	1.575/1.630	2.035/2.090	9
6507-24-00	2	53	50'	—	140	0.040	2.035/2.090	2.595/2.650	11.1

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