

EXPECTED IMPLEMENTATION JULY 2024 (FY 2024-25)

630 CONDUIT. (REV 7-6-23) (FA 11-1-23) (FY 2024-25)

SUBARTICLE 630-2.1 is deleted and the following substituted:

630-2 Materials.

630-2.1 Conduit: Use materials that have been tested and listed by a Nationally Recognized Testing Laboratory to the following industry standards:

Schedule 40 and 80 Polyvinyl Chloride (PVC) ¹	UL 651
Fiberglass Reinforced Epoxy ² (below ground).....	UL 2420
Fiberglass Reinforced Epoxy ² (above ground).....	UL 2515
Intermediate Metal ³	UL 1242
Rigid Galvanized Metal ^{3,4}	UL 6
Rigid Aluminum ⁴	UL 6A
PVC Coated Intermediate Metal ⁴	ASTM A135/A135M, ASTM A513, ASTM A568/A568M, NEMA RN1-2005
Liquid Tight Flexible Metal.....	UL 360
High Density Polyethylene (HDPE) Standard Dimension Ratio (SDR) 9-11 ⁵	ASTM F2160
HDPE SDR 13.5 ⁵	ASTM F2160, NEMA TC-7
Schedule 40 and 80 HDPE.....	UL 651A

1. Use conduit with solvent weld slip-fit plastic couplings unless approved by the Engineer.

2. Use conduit having a minimum stiffness value of 250. Ensure that each section has a duct bell with an integral gasket on one end and a duct spigot on the other end.

3. Use conduit that is hot-dipped galvanized with a minimum coating of 1.24 ounces per square foot on both the inside and outside of the conduit. The weight of the zinc coating shall be determined using ASTM A90.

4. Use conduit with both ends reamed and threaded.

5. Can be used with preassembled cable and rope-in-conduit.