

**LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SPECIFICATIONS**

**CONDUIT AND FITTINGS, PVC,
FOR ELECTRICAL WIRING**

DESCRIPTION:

The conduit shall be manufactured of virgin polyvinyl chloride. The conduit and fittings shall meet the latest standards of UL and NEMA and shall be rated for 90° C cable. Conduit and fittings shall be sunlight resistant.

DIMENSIONS:

The dimensions of the conduit shall be as follows:

Size	OD	Min. Wall Thickness
1 Inch, Schedule 80	1.315 Inch	0.179 Inch
2 Inch, Schedule 80	2.375 Inch	0.218 Inch
3 Inch, Schedule 80	3.500 Inch	0.300 Inch

INSTALLATION:

Conduit and fittings shall be capable of being direct buried or encased in concrete with no special consideration to using selective backfill. No negative effects on performance or to the contents shall be experienced in either of these applications.

Conduit and conduit fitting as shown below:

SAP MATERIAL MASTER NUMBERS

- 10677 (12-50-0005) 1 inch PVC conduit, Schedule 80, bell end, ten foot length, Cantex No. A53BA12, or equal
- 10678 (12-50-0010) 2 inch PVC conduit, Schedule 80, bell end, ten foot length, Cantex No. A53CA12, or equal
- 10679 (12-50-0015) 3 inch PVC conduit, Schedule 80, bell end, ten foot length, Cantex No. A53DA12, or equal

- 10680 (12-50-0017) 2 inch PVC pipe end cap, Carlon No. E958J, or equal
- 10681 (12-50-0018) 3 inch PVC pipe end cap, Carlon No. E958L, or equal
- 10682 (12-50-0020) 1 inch Schedule 80, standard radius 90° elbow, radius 5 ¾ inch, plain end, Cantex No. 5121055, or equal
- 10683 (12-50-0025) 2 inch Schedule 80, standard radius 90° elbow, radius 9 1/2 inch, plain end, Cantex No. 5121058, or equal
- 10684 (12-50-0030) 3 inch Schedule 80, standard radius 90° elbow, radius 13 inch, plain end, Cantex No. 5121060, or equal
- 10685 (12-50-0035) 1 inch Schedule 80, standard radius 45° elbow, radius 5 3/4 inch, plain end, Cantex No. 5121005, or equal
- 10686 (12-50-0040) 2 inch Schedule 80, standard radius 45° elbow, radius 9 1/2 inch, plain end, Cantex No. 5121008, Carlon No. UB7AJ, or equal
- 10687 (12-50-0045) 3 inch Schedule 80, standard radius 45° elbow, radius 13 inch, plain end, Cantex No. 5121010, Carlon No. UB7AL, or equal
- 10688 (12-50-0050) 1 inch couplings, Cantex No. 6141625, Carlon No. E940F, or equal
- 10689 (12-50-0055) 2 inch couplings, Cantex No. 6141628, or equal
- 10690 (12-50-0060) 3 inch couplings, Cantex No. 6141630, Carlon No. E940L, or equal
- 10691 (12-50-0065) 1 inch molded end bell, length 1 1/4 inch, Cantex No. 5144005, Carlon No. E997F-CAR, or equal
- 10692 (12-50-0070) 2 inch molded end bell, length 1 7/8 inch, Cantex No. 5144008, Carlon No. E997J-CAR, or equal
- 10693 (12-50-0075) 3 inch Schedule 80, molded end bell, length 2 1/4 inch, Cantex No. 5144010, Carlon No. E997L-CAR, or equal
- 10694 (12-50-0080) Cement glue for PVC connections, 1 pint, Cantex No. 7210412, Carlon No. VC9983, or equal