



Southern Pipe, Inc.

Manufacturer of Quality PVC Electrical Conduit
American Made & American Owned

Rev. 01/14/20

LETTER OF COMPLIANCE

Scope:

This letter of compliance covers the requirements for **Rigid Nonmetallic PVC Conduit and Bends, PVC Electrical Conduit Fittings, Outlet Boxes**. These products meet or exceed the performance standards set by the American Society of Testing and Materials (ASTM), National Electrical Manufacturers Association (NEMA), and Underwriters Laboratories (UL), to be used in accordance with *Article 352 - Rigid Polyvinyl Chloride Conduit: Type PVC* of the National Electric Code (NEC) and all other applicable sections. All conduit and bends manufactured by Southern Pipe, Inc. are produced in New London, North Carolina, USA.

Material:

The PVC material used to manufacture Southern Pipe, Inc. conduit meets or exceeds compound cell classification 12254B as defined by ASTM D 1784 Standard Specification, Rigid Polyvinyl Chloride Compounds for Cell Classification 12454B (Formerly Type 1, Grade 1 and also designated PVC 1120). Southern Pipe, Inc. uses 100% virgin PVC resin or in-house reworked material; no post-consumer recycled material is used.

Rigid Nonmetallic PVC Conduit and Bends:

Extruded Southern Pipe, Inc. Conduits and Bends conform to the following standards when applicable: Samples are tested by our in house Quality Control Department along with representatives of UL to assure compliance to these specifications. All products are UL and RUS Listed where applicable.

- ASTM D1784 – "Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds"
- ASTM F512 – "Standard Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation"
- ASTM F891 – "Standard Specification for Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe With a Cellular Core"
- NEMA TC 2 - 2013 – "Electrical Polyvinyl Chloride (PVC) Conduit"
- NEMA TC 6 and 8 - 2013 – "Polyvinyl Chloride (PVC) Plastic Utilities for Underground Installation"
- NEMA TC 10 -1993 – "PVC Plastic Communications Duct and Fittings for Underground Installation"
- NEMA TC 18 - 2013 – "Packaging of Master Bundles for EPC-40 Polyvinyl Chloride (PVC) Conduit"
- UL 651 – "UL Standard for Safety for Schedule 40 and 80 Rigid PVC Conduit and Fittings"
- Federal Specification W-C-1094 was cancelled September 13, 1985. It was replaced with the following specifications: UL 514B, UL 514C, UL 651 and UL 651A.

Southern Pipe, Inc. recommends following installation guidelines published in.

- NEMA TCB2-2007 – "NEMA Guidelines for the Selection and Installation of Underground Nonmetallic Duct"

PVC Electrical Conduit Fittings, Outlet Boxes:

Molded fittings and outlet boxes conform to the following standards when applicable:

- NEMA TC 3 - 2015 – "Polyvinyl Chloride (PVC) Fittings for Use with Rigid PVC Conduit and Tubing"
- NEMA TC 9 - 2004 – "Fittings for Polyvinyl Chloride (PVC) Plastic Utilities Duct for Underground Installation"
- UL 651 – "UL Standard for Safety for Schedule 40 and 80 Rigid PVC Conduit and Fittings"
- UL 514 B – "Conduit, Tubing, and Cable Fittings"
- UL 514 C – "Standard for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers"
- Federal Specification W-C-1094 was cancelled September 13, 1985. It was replaced with the following specifications: UL 514B, UL 514C, UL 651 and UL 651A

Marking:

All products are marked in accordance to NEMA and UL requirements.

- Schedule 40 (Solid Wall), Schedule 80, Type EB, and Type A are UL 651 Listed: Control Number 3SAO
- Schedule 40 (Cellular Core) is UL 651 Listed: Control Number 39GX.
- Type EB, DB, and Schedule 40 (Solid Wall and Cellular Core) are USDA RUS Listed and marked as such.

FIND THE TRUSTED  MARK ON OUR PRODUCTS

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