



1. APPLICATION

- A. PVC, (polyvinyl chloride), conduit, elbows and fittings are used to construct a smooth raceway for installation of primary and secondary conductors underground and for the transition from overhead to underground.

2. REFERENCED STANDARDS

- A. The conduit and elbows shall be manufactured and tested according to the latest editions, revisions, and amendments to UL 651 Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings and NEMA TC 2 Electrical Polyvinyl Chloride (PVC) Conduit.
- B. The conduit fittings shall be manufactured and tested according to the latest editions, revisions, and amendments to NEMA TC 3 Polyvinyl Chloride (PVC) Fitting for Use with Rigid PVC Conduit and Tubing.

3. PRODUCTS

- A. The conduit, elbows and fittings shall be rigid PVC colored gray, (unless otherwise noted), and suitable for above ground use outdoors exposed to sunlight and weather, and for underground use direct buried or concrete encased with 90 degrees C insulated primary or secondary conductors.
- B. The conduit and elbows shall be provided with a factory-formed bell on one end. Conduits 3 inch diameter and larger shall be chamfered on the non-bell end.

4. TESTS

- A. The conduit, elbows, and fittings shall be tested per the applicable UL and NEMA standards.

5. WARRANTY

- A. Provide a warranty period of eighteen (18) months, minimum after the date of acceptance.

<b>MATERIAL SPECIFICATION</b>			
EUGENE WATER & ELECTRIC BOARD			
<b>SCHEDULE 40 AND 80 PVC CONDUIT AND FITTINGS</b>	Jan 9, 2017	<b>REV.</b>	
	<b>ES5-9.1100</b>	<b>2</b>	
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B. Vendor shall warrant the goods/equipment be free from defects in material or workmanship, and shall repair or replace any unit that fails during normal use, including all parts and labor at no cost to EWEB.

6. PACKAGING AND DELIVERY

A. Items shall be suitably packaged to prevent damage. The container shall be convenient for handling and storage. Manufacturer's name or symbol and catalog number shall be on each part or its packaging.

7. SUBMITTALS

A. If requested, vendor shall provide a drawing and descriptive information to show compliance with this specification for initial product approval, or approval of subsequent changes before shipment of product.

8. EWEB STORES INFORMATION

A. This specification shall be used to purchase the material with the following stock codes:

438-0000984 through 438-0000997  
438-0001002 through 438-0001076  
438-0001080  
438-0005518 through 438-0005522

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