

## Material Specification – 2

### POLYVINYL CHLORIDE PRESSURE PIPE

**1. GENERAL**

PVC pipe shall be manufactured in accordance with AWWA C900, with the following additional requirements or exceptions.

**2. SIZES**

This Specification covers PVC pipe in 4-inch, 6-inch, 8-inch, 12-inch, 16-inch, and 20-inch nominal diameters with CI equivalent outside diameters.

**3. JOINT TYPE**

Pipe joints shall be made using an integral bell with an elastomeric gasket push-on type joint.

**4. CLASS AND TYPE**

PVC pipe shall be of the DR or pressure class as follows:

<b>AWWA C900</b>	
<b>Nominal Pipe Size (Inch)</b>	<b>Dimension Ratio</b>
4	14
6	18
8	18
12	18
16	18
20	18

**5. PIPE LENGTH**

Pipe furnished under this Specification shall have a nominal laying length of 20-feet. Random lengths are not acceptable.

**6. QUALITY CONTROL**

The Manufacturer shall submit a written statement that the inspection and all specified tests have been completed and that results comply with the requirements of these Standards. Components in contact with potable water shall be certified to comply with NSF/ANSI 61, and a copy of the NSF/ANSI 61 certification shall be provided to Denver Water, if requested.

**7. APPROVED MANUFACTURERS**

<b>Manufacturers</b>	<b>Size (Inch)</b>
Diamond Plastics Corporation	4 to 20
IPEX	4 to 20
JM Eagle	4 to 20
North American Pipe Corporation	4 to 20
Underground Solutions (Fusible)	4 to 20
Vinyltech Corporation	4 to 16

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