

SECTION 026212
MOLECULARLY ORIENTED
POLYVINYL CHLORIDE PIPE (MOP)
(AWWA C909 Pressure Pipe for Municipal Water Mains and
Sanitary Sewer Force Mains)

1. DESCRIPTION

This specification shall govern all work necessary for furnishing all MOP pipe (AWWA C909) required to complete the project.

2. MATERIAL

MOP pipe shall be made of Class 12454-A or Class 1245-B virgin compounds, as defined in ASTM D1784 with an established hydrostatic-design-basis of 7100 psi for water at 73.4 F.

3. DIMENSIONS

Pipe shall be manufactured to cast iron pipe equivalent outside diameters.

4. JOINT

Pipe shall have a gasket bell end with a thickened wall section integral with the pipe barrel. The use of solvent weld pipe shall not be allowed.

5. GASKETS

Gaskets for jointing pipe shall be in accordance with ASTM F477. (High Head)

6. PIPE PRESSURE CLASS

Unless indicated otherwise on the drawings pipe shall be Class 150.

7. CAUSE FOR REJECTION

Pipe shall be clearly marked in accordance with AWWA Requirements. Unmarked or scratched pipe shall be rejected.

8. CERTIFICATION

The contractor shall furnish in duplicate to the Engineer a copy of the manufacturer's affidavit of compliance with this specification, to include gaskets. Certification shall accompany each delivery of materials.

9. MEASUREMENT AND PAYMENT

Unless indicated otherwise in the Proposal, MOP pipe (AWWA C909) shall not be measured for pay but shall be subsidiary to the appropriate bid item, waterline, sanitary force main, etc.