

**ITEM 08603.9921 M - POLYVINYL CHLORIDE PIPE, SANITARY SEWER GRAVITY,**

**100 mm DIA.**

**ITEM 08603.9922 M - POLYVINYL CHLORIDE PIPE, SANITARY SEWER GRAVITY,**

**150 mm DIA.**

**ITEM 08603.9923 M - POLYVINYL CHLORIDE PIPE, SANITARY SEWER GRAVITY,**

**200 mm DIA.**

**ITEM 08603.9924 M - POLYVINYL CHLORIDE PIPE, SANITARY SEWER GRAVITY,**

**250 mm DIA.**

**ITEM 08603.9925 M - POLYVINYL CHLORIDE PIPE, SANITARY SEWER GRAVITY,**

**300 mm DIA.**

**ITEM 08603.9926 M - POLYVINYL CHLORIDE PIPE, SANITARY SEWER GRAVITY,**

**375 mm DIA.**

**ITEM 08603.9927 M - POLYVINYL CHLORIDE PIPE, SANITARY SEWER GRAVITY,**

**450 mm DIA.**

**DESCRIPTION:**

The work shall consist of furnishing and installing a polyvinyl chloride sanitary sewer (gravity) and appurtenances at the locations indicated on the plans and in accordance with these specifications, or as directed by the Engineer.

**MATERIALS:**

Pipe: The pipe and fittings furnished shall meet the requirements of ASTM D3034-SDR35.

Joints: All joints shall be the push-on type constructed with a locked in elastomeric seal to provide a tight flexible seal in accordance with ASTM D-3212.

Lubricant: The lubricant used for assembly shall have no detrimental effect on the gasket or on the pipe.

Basis of Acceptance: Acceptance of all pipe and fittings shall be based on the manufacturer's certification of compliance with these specification requirements. The Department reserves the right to sample and test delivered material.

**CONSTRUCTION DETAILS:**

The construction details as specified in the proposal under sanitary sewer work shall apply except as modified below.

Polyvinyl chloride will deteriorate from exposure to ultraviolet radiation. Deterioration will be evidenced

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by a color change.

All pipe and joint material shall be thoroughly inspected by the Engineer prior to installation. Any material found to be defective in manufacture or damaged in handling shall be removed immediately from the work site, and new material of acceptable quality shall be furnished by the contractor.

All joints shall be installed in accordance with the manufacturer's recommendations. The contractor shall provide the Engineer with a copy of the manufacturer's instructions for installing joint material, at least two weeks prior to installation.

Any pipe or fittings damaged during installation shall be replaced at no extra cost to the Department.

**METHOD OF MEASUREMENT:**

The quantity to be paid for under this item shall be the number of meters (laying length) of polyvinyl chloride sewer pipe (gravity) furnished and installed in accordance with the plans, specifications and/or as directed by the Engineer.

**BASIS OF PAYMENT:**

The unit price bid per meter shall include the cost of all labor, materials and equipment necessary to complete the work. Excavation and backfill shall be paid under their respective items in accordance with the details shown on the plans.