

Standard Guidelines for Product Review

PVC Pipe;

Section 02410.70

November 15, 2006

02410.70 – PVC Pipe

ODOT maintains a list of approved PVC pipe used for sanitary, storm, culvert, siphon, irrigation, and subsurface drain systems on the Qualified Products List (QPL). Except for the subsurface drains, we keep two lists, one for installations with less than 2 feet but at least 1 foot of cover, and the other for installations with at least 2 feet of cover. Initially, each manufacturer submits documentation, independent test reports, and samples for each model of pipe/ including the joints they wish to have listed on the QPL. Upon acceptance and placement onto the QPL, the product then becomes available for use on upcoming projects for the category listed, but on-site support, certification, and warranties may be required for each project the pipe is proposed for use on.

Specifications:

PVC subsurface drain pipe and fittings:

- PVC Pipe shall conform to ASTM D 2729

PVC sanitary, storm, culvert, siphon, irrigation pipe and fittings:

2 feet or more cover:

- Minimum pipe stiffness of 46 psi or a minimum SDR of 35.
- Conform to the requirements of sewer pipe ASTM D 3034, ASTM F 679 or ASTM F 794.
- Conform to the water tight joint requirements of ASTM D 3212.

2 feet but at least 1 foot of cover:

- Conform to the requirements of AWWA C 900 or AWWA C 905.
- Conform to the water tight joint requirements of ASTM D 3212.

To apply for inclusion on the QPL, submit the following:

- [Preliminary Information for Product Evaluation Form.](#)
- Clearly specify the product name and application being submitted for.
- Independent test results showing compliance to the specifications listed above.
- Current, legible copy of the MSDS.
- Spec data sheet.
- Recommended installation instructions.

Submit documentation and submittal forms to:

Oregon DOT - Product Evaluation Coordinator
800 Airport Road SE
Salem OR 97301-4798

<http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/QPL/QPIndex.shtml>