

Date: Friday 21 November 2008 **Issue number:** 2008-7
Issue(s): PVC-O Pipe Approval
Audience: Proponents, Project Managers, Designers, Construction Supervisors, Constructor

What has been approved?

Power and Water Corporation has approved DN200 to DN300 Series 2 PVC-O pressure pipe from Iplex and Vinidex in PN12 and PN16 pressure ratings.

Are there any related issues?

The approval permits the use of the above sizes and ratings of PVC-O pressure pipe in Power and Water's potable water system.

PVC-O has a thinner wall than previously used U-PVC or currently PVC-M pressure pipes. PVC-O pressure pipe is less forgiving of poor work practices and advice or training should be sought from suppliers before using PVC-O.

The use of PVC-O pressure pipe for sewer rising mains will be considered on a case-by-case basis and will only be permitted with specific written approval from Power and Water. In particular, only cream coloured pressure pipe will be permitted for use on sewer rising mains.

Series 2 pressure pipe has the same outside diameter as cast iron or ductile iron pipe and is often denoted as CIOD (cast iron outside diameter) PVC pipe.

For DN100 and DN150, the Power and Water Corporation will only allow the use of Series 1 pressure pipe.

How Can I Get More Information?

The Services Development section of Power and Water administers the Connection Code and associated activities including the asset creation process for Power and Water's water supply and sewerage infrastructure. Contacts are:

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