

Clause	Description	Requirement	Supporting Document
All		<p>The products as listed in SA Water's Vacuum Sewerage Construction Manual's "Authorised Items" List are the only products automatically authorised for use in SA Water's infrastructure.</p> <p>Other products listed in the Sewerage Code of Australia may be used with project specific approval from SA Water.</p> <p>Contact:- Manager Infrastructure Standards (08) 7424 2009</p>	
Table 20.3	PVC Pipe <i>PVC Jointing system</i> VC pipe	<p>The minimum allowable classes are as follows DN100 SN6 (to AS/NZS 1260) DN150 to DN300 SN4 (to AS/NZS 1260)</p> <p>SA Water uses only solvent welding for this material VC pipe is not authorised by SA Water</p>	
Table 20.3	PVC Pipe <i>PVC Jointing system</i>	<p>The minimum allowable class for all types of pressure PVC pipe is PN12 but due to quantities manufactured PN16 may be a cheaper option SA Water uses Rubber Ring jointing for this material</p>	
	PE Plain Wall Pipe <i>PE Jointing system</i>	<p>SA Water requires PE 80 or PE100 as the PE pipe material and a minimum of PN12.5. For directional boring Minimum Pressure rating is to be PN16. <i>Butt welding of PE pipe in field applications is not acceptable to SA Water without project specific authorisation</i></p>	
	https://www.wsaa.asn.au/NationalCodes/Pages/ProductsMaterialsGuidance.aspx	<p>This is a very handy introduction to the latest product and material information. Listing on the WSAA website does not automatically guarantee product authorisation by SA Water and product selection is to be based on the VSCM "Authorised Items" List</p>	
WSAA Website	https://www.wsaa.asn.au/Pages/default.aspx		

ADDITIONAL REQUIREMENTS

Description	SA Water Requirements
Maintenance Holes	Only Authorised Concrete MH systems are to be used unless project specific approval is obtained.
Step Irons and ladders	Step Irons and ladders are not to be installed in MH or other access structures
Covers and Frames	<p>All covers and frames are to be as follows:- Non-road use DI/CI Class B In-road use DI/CI Class D Covers and frames to be as specified in VSCM Authorised Items List</p>
Valves	All stop valves to be CLOCKWISE closing

To be used with WSA 06-2008 V1.2