

ADDITIONAL MATERIALS REQUIREMENTS			
Clause	Description	Requirement	Supporting Document
All		<p>The products as listed in SA Water's WSCM Authorised Items List continue to be the only products automatically authorised for use in SA Water's infrastructure.</p> <p>Other products listed in the Water Supply Code of Australia may be used in specific projects with the approval of SA Water.</p>	
WSAA Website		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 WSCM Authorised Items List	

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Description	SA Water Requirements
Copper Pipe	Only Type A wall thickness copper pipe is to be used
Ductile Iron Pipe	SA Water allow a minimum of Class K9 or PN16 pipe with pipe and fittings wrapped in PE sleeving
PE Pipe	SA Water requires PE 80B or PE100 as the pipe material. Use minimum pressure rating of PN16 Butt welding in field conditions is not allowed without specific approval.
PVC Pipe	SA Water use only Series 2 RRJ pipe. PVC-U is not to be used in applications where cyclic loading occurs. PVC-O and PVC-M are the preferred PVC material
Mechanical Couplings	To be used only for maintenance and cut-in purposes. Couplings with 316 SS bolts can be used in all applications Couplings with FBE bolts may only be used on AC and CICL pipes Long barrel couplings to be used where expected life of host main is >25 years
Covers and Frames	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 WSCM Authorised Items List
Stop Valves <i>including</i> <ul style="list-style-type: none"> <li>• Gate Valves</li> <li>• Butterfly Valves</li> <li>• Globe Valves etc</li> </ul>	All stop valves to be <b>CLOCKWISE</b> closing

To be used with **WSA 03-2002**