

South East Water Approved Products List

Dual Water Supply System

This approved products list addresses the needs of both drinking water and non-drinking (recycled) water pipes and fittings

Dual Water Supply System	1
Pipe Systems.....	6
Glass Reinforced Plastic.....	6
PE Plain Wall.....	6
Ductile Iron.....	6
PVC-O.....	8
PVC-M.....	8
PVC-U.....	8
Mild Steel.....	9
Pipe Fittings.....	10
Hydrants	10
Hydrant Marker.....	10
Spring hydrant head– below ground	10
Spring Hydrant – L Type head	10
Spring Hydrant Cover –L Type	10
Valve controlled hydrant	10
Spring hydrant box & cover-non Trafficable	10
Spring hydrant cover –trafficable	10
Valve controlled hydrant cover.....	11
Hydrant Isolation Valve	11
Hydrant Marker Post.....	11
Hydrant pedestal bend –DI.....	11
Hydrant pedestal bend - PE.....	11
Hydrant Riser DI.....	11
Hydrant Riser PE	11
Valves.....	11
Resilient Seated Sluice Valves	11
Non-return valves.....	14
Gate valve with integral bypass	14

Air valves.....	14
Valve cover.....	14
Pipe System Fittings.....	16
PE fittings.....	16
Couplings.....	16
DI fittings & PVC.....	16
Couplings.....	16
PVC Fittings.....	19
Fittings - General.....	19
Slip Repair Couplings.....	19
Bends.....	19
Tee's.....	20
Scour Tee's.....	23
Tapers.....	23
Connectors.....	23
Caps.....	23
Surface Fittings.....	24
Miscellaneous.....	24
Thrust Blocks.....	24
Thinsulators.....	24
Washout box & Lid.....	24
Camlock coupling.....	24
Detectable Marker tape.....	24
Stainless Steel tracer wire.....	24
Water Services / Tapping's.....	24
Ball Valve –main connection.....	24
Ball valve – right angle at meter.....	24
Ball Valve – Termination.....	25
Ferrule & bend.....	25
Pretapped Connector.....	25
Tapping Band – Stainless Steel.....	Error! Bookmark not defined.
Tapping Band.....	25
SS Identification Tags.....	26

About This Catalogue

This catalogue lists all the products currently accepted by South East Water (SEW) for use in its Drinking and Non-drinking water (recycled) reticulation systems. South East Water does not give preference to any particular make or type of product and South East Water may include equivalent products in the catalogue if satisfied that those products comply with the relevant standards or specifications and conform to South East Water's Product Approval Criteria. Relevant standards include, but are not limited to Australian Standards, WSAA Purchase Specifications and Water Industry Specifications.

Manufacturers of suitable products not listed in this catalogue may apply directly to South East Water to have their product listed.

Changes may be made periodically to the information in this catalogue. Products may be withdrawn or added to the catalogue from time to time. For current information users should refer to the latest version located on the South East Water website.

South East Water will assume no responsibility for any errors that may appear in this catalogue or any damages arising out of the use or inability to use this document.

Other products not listed in this catalogue may be used in specific projects with the approval of South East Water.

Regardless of whether they may be approved for use, products may only be used in accordance with the standard drawings in the Melbourne Retail Water Agencies (MRWA) Editions of the Water Services Association of Australia (WSSA) Water Supply Code of Australia WSA – 03 2002 and the MRWA Edition of the WSAA Dual Water Supply Systems Supplement to the WSSA Water Supply Code of Australia WSA – 03 2002.

Please note that not all products and materials appraised by WSAA are approved for use in South East Water pipeline systems.

Unless otherwise stated, all dimensions are in millimetres (mm).

Intended audience

This catalogue is intended for SEW personnel, consultant engineers and contractors engaged in the design, construction and maintenance of SEW's dual water supply system. It is also intended for use by suppliers of products used in both SEW's drinking water and non-drinking water supply systems.

Related reference material

The information in this catalogue should be read in conjunction with:

- Melbourne Retail Water Agencies (MRWA) Editions of the Water Services Association of Australia (WSSA) Water Supply Code of Australia WSA – 03 2002.
- MRWA Edition of the WSAA Dual Water Supply Systems Supplement to the WSSA Water Supply Code of Australia WSA – 03 2002.
- The Water Services Association of Australia (WSAA) Purchase Specifications (refer <http://www.wsaa.asn.au> / National Codes / Purchase Specifications).
- The Water Services Association of Australia (WSAA) Product and Material Information Guidance Notes (refer <http://www.wsaa.asn.au> / National Codes / Purchase Specifications).

Using this catalogue

The same pipes and fittings are generally used for both drinking and non-drinking water supply systems. However to minimise the risk of cross connections, etc and for operational reasons a number of non-drinking water pipes and fittings have been colour coded and some additional fittings have been included for non-drinking water systems.

Comments relating to the colour coding of non-drinking water pipes and materials have been included in purple Italics throughout this list.

For non-drinking water systems purple pipes and fittings shall be used where these are available and approved.

Ordering of non-stock products

A number of products in this catalogue are non-stock items and users should be aware that significant lead times may be required in ordering these products.

Material	Supplier	Range	Fittings	Comments
-----------------	-----------------	--------------	-----------------	-----------------

Pipe Systems				
Glass Reinforced Plastic	Iplex Pipelines Australia Pty Ltd	DN 300,375mm		<ul style="list-style-type: none"> • Flowtite pipe by Fibrelogic • Minimum Pipe Class PN16 • Factory fabricated fittings only to be used. Steel repair fittings not to be used on new assets • Interim approval only, specific SEW approval required for each project
PE Plain Wall	Crevet Pipelines Pty Ltd	DN25, 32,40,50,63,90,125, 180, 280,355& 450mm		<ul style="list-style-type: none"> • >DN63 Min' Pipe Class PN16 up to 120m head, • <=DN63 Min' Pipe Class PN12.5 • Drinking water - Pipe blue or black with blue stripes
	Iplex	DN25, 32,40,50,63,90,125, 180, 280,355& 450mm		
	Vinidex Pty Ltd	DN25, 32,40,50,63,90,125, 180, 280,355& 450mm		
	PPI	DN25, 32, 40, 50, 63 & 80		<ul style="list-style-type: none"> • Pipes are approved for trial as coloured pipes are difficult to obtain. SEW approval required.
	AFP	DN25, 32, 40, 50, 63 & 80		<ul style="list-style-type: none"> • Pipes are approved for trial as coloured pipes are difficult to obtain. SEW approval required.
	Kingston Bridge	DN25, 32, 40, 50, 63 & 80		<ul style="list-style-type: none"> • Pipes are approved for trial as coloured pipes are difficult to obtain. SEW approval required.
	APS	DN25, 32, 40, 50, 63 & 80		<ul style="list-style-type: none"> • Pipes are approved for trial as coloured pipes are difficult to obtain. SEW approval required.
Ductile Iron	Tyco	DN80 – DN700	<ul style="list-style-type: none"> • RRJ & Flanged 	<ul style="list-style-type: none"> • Product known as Von Roll Ducpur & Ecopur • Minimum Pipe Class K9 • Special Requirements:

				<ul style="list-style-type: none"> ○ Contractors to be trained in the care and handling of Polyurethane coated pipe ○ Insulated fittings to be used where appropriate ○ Repair kits shall be used to coat cut ends of pipe ○ Polyethylene sleeving shall be used on Ducpur & SEW approval must be obtained ○ For projects where the use of Ducpur is approved the pipe shall be sleeved with blue PE sleeving for drinking water mains
	Tyco	DN100 to DN300	<ul style="list-style-type: none"> ● RRJ 	<ul style="list-style-type: none"> ● TYTONXTRA – DI with zinc metal spray & epoxy coating ● Approval has expired

PVC-O	Vinidex	DN100 to DN375 Series 2 (CI compatible)	<ul style="list-style-type: none"> Soc – Soc joiners for DN100-DN225, DN250-DN375 have integral sockets (Soc-Spig) RRJ 	<ul style="list-style-type: none"> Minimum Pipe Class PN 16 Minimum stiffness of 10,000Nmm Pipe length 6m Product known as “supermain” Colour light blue
	Iplex	DN100 to DN300 Series 2 (CI compatible)	<ul style="list-style-type: none"> Socket–Spigot RRJ Max’ 1° deflection through sockets 	<ul style="list-style-type: none"> Minimum Pipe Class PN 16 Minimum stiffness of 7,8000Nmm Pipe length 6m Product known as “ApolloBLUE” Colour light blue
PVC-M	Iplex	DN100 to DN450 Series 2 (CI compatible)	<ul style="list-style-type: none"> RRJ is a non-deflection joint 	<ul style="list-style-type: none"> Minimum Pipe Class PN 16 Minimum stiffness of 10,000Nmm Product Known as Blue Rhino
	Vinidex	DN100 to DN375 Series 2 (CI compatible)	<ul style="list-style-type: none"> RRJ is a non-deflection joint 	<ul style="list-style-type: none"> Series 2- light blue Minimum Pipe Class PN 16 Minimum stiffness of 10,000Nmm
	Key Plastics	DN100 to DN300 Series 2 (CI compatible)	<ul style="list-style-type: none"> RRJ is a non deflection joint 	<ul style="list-style-type: none"> Pipe known as “Metro” Minimum Pipe Class PN 16 Minimum stiffness of 10,000Nmm Series 2- light blue
	Tyco	DN100 to DN450	<ul style="list-style-type: none"> RRJ is a non-deflection joint 	<ul style="list-style-type: none"> Plaspipes Tuf-Flo PVC-M Minimum Pipe Class PN 16 Minimum stiffness of 10,000Nmm Series 2
	David Moss Corporation	DN100 to DN225	<ul style="list-style-type: none"> RRJ is a non-deflection joint 	<ul style="list-style-type: none"> Pipe known as “Damos” Minimum Pipe Class PN 16 Minimum stiffness of 10,000Nmm Series 2- light blue
PVC-U	Iplex			<ul style="list-style-type: none"> Minimum Pipe Class PN 16
	Vinidex			<ul style="list-style-type: none"> Minimum Pipe Class PN 16
	Key Plastics			<ul style="list-style-type: none"> Minimum Pipe Class PN 16
	Tyco	DN100 to DN250	RRJ	<ul style="list-style-type: none"> Plaspipes Plas-Flo PVC-U Minimum Pipe Class PN 16 Series 2

Mild Steel	Tyco			
<p><u>Colour coding of non-drinking water pipe:</u> – purple or purple striped pipe shall generally be used for non-drinking water pipes. Non-blue pipes might be sleeved with purple PE sleeving. Blue or blue striped pipes must not be used for non-drinking water pipes. Sleeving of bored or directionally drilled pipes is not an acceptable method of colour coding. Refer Clause NDW 2.3 of MRWA Edition of the WSAA Dual Water Supply Systems Supplement to the WSSA Water Supply Code of Australia WSA – 03 2002.</p>				

Pipe Fittings				
Hydrants				
Hydrant Marker	De Neefe Signs	2-way blue reflective	<ul style="list-style-type: none"> Model No 88AB 	
Spring hydrant head– below ground	Reliance World Wide	DN100		
	Tyco	DN100		
	Jenco Products Pty Ltd			
	AVK	DN80, DN100	<ul style="list-style-type: none"> Series 30 Maxiflo Series 30 Swash 	<ul style="list-style-type: none"> Also available with purple hydrant heads for use with recycled (non-drinking) water
Spring Hydrant – L Type head	Tyco			
	Crevet			
Spring Hydrant Cover –L Type	Tyco			
	Crevet			
Valve controlled hydrant	AVK		<ul style="list-style-type: none"> Series 29/ 089 	<ul style="list-style-type: none"> Valve to be anticlockwise closing only Electrostatically applied epoxy coating
	Tyco		<ul style="list-style-type: none"> Comprises hydrant & air valve isolator combined with spring hydrant 	<ul style="list-style-type: none"> Valve to be anticlockwise closing only Rislan Nylon coating
Spring hydrant box & cover-non Trafficable	LINPAC		<ul style="list-style-type: none"> Model No 	
Spring hydrant cover –trafficable	Reliance World Wide			
	Wang Industries			
	Tyco			

Valve controlled hydrant cover	LINPAC		<ul style="list-style-type: none"> LINPAC Flushing Meter Box & Lid for use as Valve Controlled Hydrant Box & Lid 	<ul style="list-style-type: none"> For use in non-trafficable areas only, specifically nature strips Lid to be wired to box Lid fastening screw to be removed
Hydrant Isolation Valve	Crevet			
	Tyco			
Hydrant Marker Post	Repeat Plastics			
	Australian Recycling Technologies			
Hydrant pedestal bend –DI	Tyco			
	Crevet			
	Derwent Foundry			
Hydrant pedestal bend - PE				
Hydrant Riser DI	Crevet			
	Tyco			
	Wang			
	Dobbie Dico			
Hydrant Riser PE				
Valves				
Resilient Seated Sluice Valves	AVK	DN80 DN100 DN150 DN200 DN250 DN300 DN375 DN400 DN450 DN500 DN600	FI-FI FI-FI FI-FI FI-FI FI-FI FI-FI FI-FI FI-FI FI-FI FI-FI FI-FI	<ul style="list-style-type: none"> Series 57 Resilient Seated Class 16 ACW closing FBE coating All valves to be FI-FI (except DN100 & DN150 which may also be So-So or So-Sp with appropriate restraint)

		DN80	So-So	
		DN100	So-So	
		DN150	So-So	
		DN100	Sp-Sp	
		DN150	Sp-Sp	
		DN100	FI-So	

	Tyco	DN100 to DN600	<ul style="list-style-type: none"> Series 400 Resilient Seated Gate Valves 	<ul style="list-style-type: none"> Class 16 CW closing Rilsan Nylon coating All valves to be FI-FI (except DN100 & DN150 which may also be So-So or So-Sp with appropriate restraint)
	Tyco	DN80 DN100 DN150 DN200 DN225 DN250 DN300 DN375 DN80 DN100 DN150 DN80 DN100 DN150 DN80 DN100 DN150 DN100 DN150	FI-FI FI-FI FI-FI FI-FI FI-FI FI-FI FI-FI FI-FI So-So So-So So-So Sp-Sp Sp-Sp Sp-Sp FI-So FI-So FI-So FI-FI FI-FI	<ul style="list-style-type: none"> AUSLITE Resilient Seated Gate Valves Min' Class 16 CW closing FBE coating All valves to be FI-FI (except DN100 & DN150 which may also be So-So or So-Sp with appropriate restraint)
	Crevet	DN100 to DN300mm	<ul style="list-style-type: none"> Norcast series 	<ul style="list-style-type: none"> Class 16 ACW closing Nylon coating or FBE All valves to be FI-FI (except DN100 & DN150 which may also be So-So or So-Sp with appropriate restraint)

	Hawle	DN100, 150 & 200		<ul style="list-style-type: none"> • Class 16 • ACW closing • Epoxy powder coated • All valves to be FI-FI (except DN100 & DN150 which may also be So-So or So-Sp with appropriate restraint)
	John Valves	DN80 & DN100	<ul style="list-style-type: none"> • The following types arrangements approved: • DN80 FI-FI, Tyton So-So • DN100 FI-FI, FI-Tyton So, Tyton So-FI, PVC So, SP-Sp 	<ul style="list-style-type: none"> • Class 16 • ACW closing • FBE coated • All valves to be FI-FI (except DN100 & DN150 which may also be So-So or So-Sp with appropriate restraint)
Non-return valves	AVK	DN80 DN100 DN150 DN200 DN250 DN300	FI-FI FI-FI FI-FI FI-FI FI-FI FI-FI	<ul style="list-style-type: none"> • Swing check and tilting disc
Gate valve with integral bypass	AVK	DN450 DN500 DN600	FI-FI FI-FI FI-FI	<ul style="list-style-type: none"> • ACW closing
	Tyco	DN600	FI-FI	<ul style="list-style-type: none"> • AUSLITE Bypass Valves • Min' Class 16 • CW closing • FBE coating
Air valves	Amiad Australia P/L	DN 40 & 50	<ul style="list-style-type: none"> • Model "Barak" – model D-040 – ARI Combined Air Release Valve • Model D-050 "Shelef" ARI combination air release valve` 	
Valve cover	Jenco			

	Wang			
	Tyco			
	Crevet			
	Infratec		<ul style="list-style-type: none"> • Plastic and ductile iron/cast iron valve covers and coloured inserts to suit non-trafficable and trafficable areas respectively 	<ul style="list-style-type: none"> • Approved for trial • Coloured cover inserts may also be retrofit to existing covers
<p><u>Colour coding of non-drinking water surface fittings, eg hydrant or valve covers and boxes:</u> - All surface fittings shall be marked or colour coded in accordance with Clause NDW 3.17 of MRWA Edition of the WSAA Dual Water Supply Systems Supplement to the WSSA Water Supply Code of Australia WSA – 03 2002.</p>				

Pipe System Fittings				
PE fittings				
Couplings	Talbot	DN20 to DN63		<ul style="list-style-type: none"> Talbot Pushfit Fittings
	Philmac	DN20 to DN43	<ul style="list-style-type: none"> PE x Transition Coupling: 20mm PE x 15-21mm 25mm PE x 15-21mm 20mm PE x 21-27mm 25mm PE x 21-27mm 25mm PE x 27-34mm 32mm PE x 27-34mm 32mm PE x 39-43mm PE x Transmission Elbow: 25mm PE x 15-21mm 25mm PE x 21-27mm 25mm PE x 27-34mm Transition x Transition Couplings: 15-21mm 21-27mm 27-34mm 39-43mm Transition x Male BSP Thread: 15-21mm x 3/4" 21-27mm x 3/4" 27-34mm x 3/4" 	<ul style="list-style-type: none"> Philmac Universal Transition Fittings Only to be used in operations works Class 12.5
Mechanical Couplings			<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> Must utilise approved gripper teeth/rings
DI fittings & PVC				
Couplings	Glynweld Pipe Systems	DN40 to DN600		<ul style="list-style-type: none"> Known as Viking Johnson Maxi Range, ie MaxiStep, MaxiStop & MaxiThread Not for use on PVC-O, M & PE Contractors to be trained in care and handling of Rilsan Nylon 11 coating To be installed with granular

				embedment to minimise external corrosion
--	--	--	--	--

	Tyco Water	DN80 to DN250	<ul style="list-style-type: none"> • DN80 to DN250 Long sleeve MULTIGIB Couplings (Galv' bolts c/w bitumen coated clips and SS bolts c/w fusion bolted clips) • DN100 & DN150 Short sleeve MULTIGIB Couplings (Galv' bolts c/w bitumen coated clips) • DN100 & DN150 Short sleeve Gibault Couplings (Galv' bolts c/w bitumen coated clips & barrel) 	
		DN100 to DN200	<ul style="list-style-type: none"> • DN100 Short (114-133) PN35 • DN100 Long (114-133) PN35 • DN150-P Short (160-180) PN25 • DN150-P Long(160-180) PN25 • DN150-D Short (177-190) PN35 • DN150-D Long (177-190) PN35 • DN200 Long (225-236) PN35 	<ul style="list-style-type: none"> • EZIGIB Mechanical Couplings • For use on MS, DI, AC & PVC-U • Where used on PVC-O or M a minimum pipe stiffness of 10,000Nmm is required for the pipeline • Not for use on PE
		DN80 to DN600		<ul style="list-style-type: none"> • Vari-Gib Couplings • Not for use on PE, PVC-O pipes • Only to be used for operations works • PN16 min' • SS or DI with thermal bonded polymeric coating
	AVK	DN100 DN125 DN150 DN150 DN200 DN225 DN250 DN300 DN350 DN400	<ul style="list-style-type: none"> • Short Barrel & long barrel 	<ul style="list-style-type: none"> • AVK Supra Couplings

PVC Fittings				
Fittings - General				
Repair Clamps - Stainless Steel	Tyco Water	DN80 to DN600		<ul style="list-style-type: none"> • SS tapping clamps • Not for use on PE or PVC-O pipes • Only to be used for operations works
		DN20 to DN50		<ul style="list-style-type: none"> • KWIK Clamps • SS repair clamps • Not for use on PE or PVC-O pipes • Only to be used for operations works
Slip Repair Couplings	Stockbrands	DN100		<ul style="list-style-type: none"> • Suitable for PVC Series 2 only
Bends	Tyco Water	DN100 to DN150	100 x 11 Sc-Sc 100 x 22 Sc-Sc 100 x 45 Sc-Sc 100 x 90 Sc-Sc 150 x 11 Sc-Sc 150 x 22 Sc-Sc 150 x 45 Sc-Sc 150 x 90 Sc-Sc	<ul style="list-style-type: none"> • AUSLITE Ductile Fittings • Lightweight DI fittings

	Dobbie Dico	DN100, DN150, DN200 & DN250	100 x 11.25° Soc x Soc 100 x 22.5° Soc x Soc 100 x 45° Soc x Soc 100 x 90° Soc x Soc 150 x 11.25° Soc x Soc 150 x 22.5° Soc x Soc 150 x 45° Soc x Soc 150 x 90° Soc x Soc 200 x 11.25° Soc x Soc 200 x 22.5° Soc x Soc 200 x 45° Soc x Soc 200 x 90° Soc x Soc 250 x 11.25° Soc x Soc 250 x 22.5° Soc x Soc 250 x 45° Soc x Soc 250 x 90° Soc x Soc 100 x 45° FI x FI 100 x 90° FI x FI 150 x 45° FI x FI 150 x 90° FI x FI 200 x 45° FI x FI 200 x 90° FI x FI 250 x 45° FI x FI 250 x 90° FI x FI	<ul style="list-style-type: none"> • Polymeric coated DI fittings
	Vinidex	100 x 11.25° 100 x 45° 100 x 90° 150 x 11.25° 150 x 45° 150 x 90°	So-So So-So So-So So-So So-So So-So	<ul style="list-style-type: none"> • SUPERLINK II • Lightweight DI bends • Min' PN16 • Nylon coated • 11.25° bend not yet approved
Tee's	Tyco Water	DN100 to DN150	100 x 80 Sc x FI 100 x 100 Sc x FI 150 x 80 Sc x FI 150 x 100 Sc x FI 150 x 150 Sc x FI 100 x 100 Sc x Sc	<ul style="list-style-type: none"> • AUSLITE Ductile Fittings • Lightweight DI fittings

			150 x 100 Sc x Sc 150 x 150 Sc x Sc	
--	--	--	--	--

	<p>Vinidex</p>	<p>100 x 80 100 x 100 150 x 80 150 x 100 150 x 150 100 x 100 150 x 100 150 x 150</p>	<p>So-So-FI So-So-FI So-So-FI So-So-FI So-So-FI So-So-So So-So-So So-So-So</p>	<ul style="list-style-type: none"> • SUPERLINK II • Lightweight DI Tees • Min' PN16 • Nylon coated
	<p>Dobbie Dico</p>	<p>DN100, DN150, DN200 & DN250</p>	<p>100 - 80 Soc x Soc x FI 100 - 100 Soc x Soc x FI 150 - 80 Soc x Soc x FI 150 - 100 Soc x Soc x FI 150 - 150 Soc x Soc x FI 200 - 80 Soc x Soc x FI 200 - 100 Soc x Soc x FI 200 x 150 Soc x Soc x FI 200 x 200 Soc x Soc x FI 250 - 80 Soc x Soc x FI 250 - 100 Soc x Soc x FI 250 x 150 Soc x Soc x FI 250 x 200 Soc x Soc x FI 100 - 100 Soc x Soc x Soc 150 - 100 Soc x Soc x Soc 150 - 150 Soc x Soc x Soc 200 - 100 Soc x Soc x Soc 200 - 150 Soc x Soc x Soc 200 - 200 Soc x Soc x Soc 250 - 100 Soc x Soc x Soc 250 - 150 Soc x Soc x Soc 250 - 200 Soc x Soc x Soc 250 - 250 Soc x Soc x Soc 100 - 100 FI x FI 150 - 100 FI x FI 150 - 150 FI x FI 200 - 100 FI x FI 200 - 150 FI x FI 200 - 200 FI x FI</p>	<ul style="list-style-type: none"> • Polymeric coated DI fittings

			250 – 100 FI x FI 250 – 150 FI x FI 250 – 200 FI x FI 250 – 250 FI x FI	
Scour Tee's	Dobbie Dico	DN150, DN200 & DN250	150 – 80 Soc x Soc x FI 200 – 80 Soc x Soc x FI 250 – 100 Soc x Soc x FI	<ul style="list-style-type: none"> • Polymeric coated DI fittings
Tapers	Dobbie Dico	DN100, DN150, DN200 & DN250	150 – 100 Soc x Soc 200 – 100 Soc x Soc 200 – 150 Soc x Soc 250 – 100 Soc x Soc 250 – 150 Soc x Soc 250 – 200 Soc x Soc 150 – 100 FI x FI 200 – 100 FI x FI 200 – 150 FI x FI 250 – 100 FI x FI 250 – 150 FI x FI 250 – 200 FI x FI	<ul style="list-style-type: none"> • Polymeric coated DI fittings
Connectors	Dobbie Dico	DN100, DN150, DN200 & DN250	100 FI x Soc 150 FI x Soc 200 FI x Soc 250 FI x Soc	<ul style="list-style-type: none"> • Polymeric coated DI fittings
Caps	Dobbie Dico	DN100, DN150, DN200 & DN250	100 Soc 150 Soc 200 Soc 250 Soc	<ul style="list-style-type: none"> • Polymeric coated DI fittings

Surface Fittings				
Miscellaneous				
Thrust Blocks				
Thinsulators				
Washout box & Lid				
Camlock coupling		DN40mm		
Detectable Marker tape				Colours and wording of drinking water <i>and non-drinking water marker tapes</i> shall be as per Clause NDW 2.6 of MRWA Edition of the WSAA Dual Water Supply Systems Supplement to the WSSA Water Supply Code of Australia WSA – 03 2002.
Stainless Steel tracer wire				
Water Services / Tapping's				
Ball Valve –main connection	Milnes			
	Philmac			
	Reliance World Wide			
	Ryemetal	DN20 & DN25		Brass ball valves approved for drinking water. <i>Brass ball valves with purple handles approved for recycled water.</i>
Ball valve – right angle at meter	Milnes			
	Reliance World Wide			

Ball Valve – Termination	Milnes			
	Philmac			
	Reliance World Wide			
	Ryemetal	DN20 & DN25		<ul style="list-style-type: none"> • Brass ball valves approved for drinking water. • <i>Brass ball valves with purple handles approved for recycled water.</i>
Ferrule & bend	Reliance World Wide			
	Milnes			
Pretapped Connector	Tyco			
	Crevet	DN100 & DN150		<ul style="list-style-type: none"> • <i>Also available in purple for use with recycled (non-drinking) water</i>
	Stockbrands	DN100		<ul style="list-style-type: none"> • “Supertap” GRN pre-tapped connectors • Suitable for Suitable for PVC Series 2 only • <i>Also available in purple for use with recycled (non-drinking) water</i>
Tapping Band	Infratech	DN63 to DN225		<ul style="list-style-type: none"> • Gun metal/SS • Suitable for PVC-O, M & PE
	Stockbands (4N)	DN40 to DN200		<ul style="list-style-type: none"> • Glass reinforced nylon • Suitable for PVC-U, DI & PE submains • Suitable for PVC-O, M & PE
	Tyco	DN80 to DN250		<ul style="list-style-type: none"> • SS tapping band, for use in conjunction with PVC-u, CI (Ductile and Grey) & AC pipes • For tapping under pressure only • Not for use on PVC-O, M & PE • Contractors to be trained in care and handling of Rislun Nylon 11 coating
	Crevet	DN100, DN150,	<ul style="list-style-type: none"> • Taptite tapping bands 	<ul style="list-style-type: none"> • Ductile Iron

		DN225 & DN300		<ul style="list-style-type: none"> • Rislán Nylon coated • <i>Also available in purple for use with recycled (non-drinking) water</i>
Tapping Clamp – Stainless Steel	Tyco	DN80 to DN600		<ul style="list-style-type: none"> • SS tapping clamps • Not for use on PE or PVC-O pipes • For tapping under pressure only
SS Identification Tags	Hi-Tech Directional Drilling	Suitable for valves, hydrants, ducts, etc	<ul style="list-style-type: none"> • Stainless steel identification tags, secured to the face of the kerb by a mushroom headed 's' shaped spike 	<ul style="list-style-type: none"> • Labelling design to be in accordance with 'us' requirements - Refer Richard Green ('us') • For use with drinking and non-drinking water systems • For Operation's use only