

Appendix WD Authorised Products List - Water Supply

Pipes

WSA Product spec web site https://www.wsa.asn.au/Publications/Appraisals/WaterSupply/Documents/ProductSpecs_01.pdf

Item	WSA-PS	Specified Requirements	Authorised Manufacturer (Supplier)	Trade Name	Size Range	Comments
PVC-M	209	PN16, Min SN 10000	Iplex	Reiber Blue	DN 100 to DN 300	Reiber ring accepted
			Vinidex	Hydro Blue		
			Tyco	Tuf-Flo		
PVC-O	210	PN16, Min. SN 10000	Iplex	Apollo Blue	DN 100 to DN 200	
			Vinidex	Supermain		
DICL	200	PN 35	Tyco	Tytonxcel	Up to DN750	Pipe end marked red
			Iplex/Crevet	Irontite		
SCL	203	Minimum Thickness DN100 - 4.8mm, >DN 100 - 5mm	Tyco			
PE	207, 215	PE100 PN16 Blue colour—solid or striped for drinking water	Iplex		DN 25, 32, 63, 90, 125, 180, 250, 315 355, 450 & 630	Purple colour—solid or striped for non-drinking water
			Vinidex			
			PPI			
			Cromford	Identi-pipe		
			Poly Pipe			
Copper	214		Port Kembla Copper			

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Fittings – Pipe system

WSA Product spec web site

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Item	WSA-PS	Specified Requirements	Authorised Manufacturer (Supplier)	Trade Name	Size Range	Comments
DI Bends	201		Tyco	Auslite	DN 100 & 150	Light weight fittings
			Tyco		DN 80 to 300	
			Crevet			
			Vinidex	Superlink		
DI Tees, Tapers & Branches	201		Tyco		DN 80 to 300	
			Crevet			
			Vinidex	Superlink		
DI Mechanical Couplings	311		Tyco	Gibault		Long type
				Ezigib & Vari-Gib		
			Crevet	Gibault & Universal		
				Multigib		
Pretapped Connectors	201	Polymeric coated	Tyco	Readytap	DN 100 to 300	
			Crevet	Pretapped	DN 100 & 150	
			Vinidex	Superlink	DN 100 & 150	
Flange SS Off-take Clamps	313		Crevet		DN100 to 300	Approved on DI and CI host pipes only
			Wang		DN100 to 300	
RSV Gate Valves	260	PN16	AVK	Series 57 (light type only with DN100 & 150)	Up to DN400	Anchor legs approved
				Series 36/80	Up to DN300	PE pipe ended
				Series 01/70	Up to DN300	Gripper ends
			Hawle (Vinidex)	E 2 FL Ends	DN50 – 200	WSAA Appraisal 04/03
				E.2 System 2000	DN50 – 300	
				A Valve FL & E-F Ends	DN80 – 200	WSAA Appraisal 06/07
			Tyco	Series 500	Up to DN600	
				Auslite	DN80, 100 & 150	Anchor Legs approved
				Bayard	DN50 – DN200	With PE pipe tails

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Item	WSA-PS	Specified Requirements	Authorised Manufacturer (Supplier)	Trade Name	Size Range	Comments
Hydrants	267	DN 100 - flange Removable Top Cap & Internal Assembly"	AVK			
			Tyco			
			Gatic/Milne			
			Toowoomba Foundry	Swash		
Pillar Hydrants		Twin outlet Non-Drinking Water system only	Tyco			Surfaces above ground to be painted purple
			Vinidex			
Valve Box & Cover C.I.		AS 3750.4	Tyco			
			NIBF (Iplex)			
			Gatic/Milne			
			Tellam			
Hydrant Box & Cover C.I.		AS 3750.4	Tyco			
			NIBF (Iplex)			
			Tellam			
			Gatic/Milne			
Valve & Hydrant Boxes (Recycled Plastics) & DI Covers			Tyco			Non-trafficable Location only. FH – Hydrants SV – Valves
			Vinidex			
			Crevet			
Plastic Surround to Valve/Hydrant boxes			Repeat Plastics			
Valve Extension Spindles			Tyco			
			NIBF (Iplex)			
			Forge Bros (Vinidex)			
Flanges MS		Class 14	Tyco			
			NIBF (Iplex)			
Flange Gaskets and "O" Rings	312					
PE Mechanical Fittings	208	PN16	George Fischer		Up to DN63	
			Philmac			
			Plasson			
			Elster			

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Item	WSA-PS	Specified Requirements	Authorised Manufacturer (Supplier)	Trade Name	Size Range	Comments
PE Fittings – couplings, tees bends, elbows/adjustable, end caps, saddles, reducers.	208	Comply with AS4129 PN16	Plasson (Vinidex)	Coupler up to DN710		Electrofusion fittings to be long type.
			George Fischer	ELGEF Plus Draw - Lock		
			Cromford	Fusion Provida	Up to DN355	
PE flanges	208	Full face, SS backing ring. AS/NZS 4087 Table B7.	Plasson	DN90 hydrant fittings.	Saddles & bends	to WSAA 98/50
	216		Iplex		Up to DN355	Full bore connections
Restraint Flange Adaptors	208	PN16	Hawle (Vinidex)	System 2000	100/125, 150/180 200/250, 250/315 300/355,	
Restraint Fittings (for PE) – couplings, tees, bends	208	PN16	Hawle (Vinidex)	System 2000		
			+GF+	Multi/Joint 3000		Restraint type
			AVK	Supa Plus Series 621-4		
PE Scour Tees	216	Comply with AS4129	Vinidex/Rodney			

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Water Services				WSA Product spec web site	https://www.wsaa.asn.au/Publications/Appraisals/WaterSupply/Documents/ProductSpecs_01.pdf	
Item	WSA-PS	Specified Requirements	Authorised Manufacturer (Supplier)	Trade Name	Size Range	Comments
Tapping Bands for DI & PVC pipes	310	Gunmetal - Positive stops	Tyco			
			Gatic/Milne			
			RMC			
			Elster			
		Positive stops, coloured blue	4N Products & Stockbrands	4N	DN100, 150, 200	WSAA Appraisal 06/03
Tapping Bands for PE - Mechanical	327	Gunmetal - Positive stops	Gatic/Milne			
			Elster			
		Positive stops, coloured black	4N Products & Stockbrands	4N	DN63, 90, 125 & 180.	WSAA Appraisal 06/03
Tapping Saddles for PE, Electrofusion or Mechanical		Comply with AS4129 PN16	Plasson (Vinidex)		DN63, 90, 125 & 180	
			George Fischer		DN63, 90, 125 & 180	
			Cromford	Fusion Provida	Up to DN250	
Ferrules		20 mm	Gatic/Milne			"Dezincification Resistant Material and comply with AS/NZS 3688"
			Elster			
			RMC			
Ball valves		20 mm	Gatic/Milne			
			Elster			
			RMC			
Union Stop cock		25 mm	Gatic/Milne			
			Elster			
			RMC			
Transition Couplers		PE to BSP connections	Plasson			

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Item	WSA-PS	Specified Requirements	Authorised Manufacturer (Supplier)	Trade Name	Size Range	Comments
			+GF+			
Meters - 20 mm		Manifold	Elster Metering			"Applicable to New Installations"
			RMC			
Meters - 25 mm		V100 (PSM-T)	Elster Metering			
		MRP	RMC			
Meters -32 mm & 40 mm		V100 (PSM-T)	Elster Metering			
		MRP	RMC			
Meters – 50 mm and Larger		Woltex	Actaris			
		H4000 Helix	Elster			
		Arad	RMC			
Meter Boxes - 20mm		368 lg x 271 wide	Everhard Industries			Blue meter box lids
Meter Boxes - 25mm		492 lg x 271 wide				
Single Check Detector Check Valves		Model Keystone 100 SCV98BCC VO	Keystone / Tyco		DN100	

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Miscellaneous Items			WSA Product spec web site	https://www.wsaa.asn.au/Publications/Appraisals/WaterSupply/Documents/ProductSpecs_01.pdf		
Item	WSA - PS	Specified Requirements	Authorised Manufacturer (Supplier)	Trade Name	Size Range	Comments
Detectable Marker Tape	318		Boddington			
			Tapex			
PE Sleeving to DI Pipe	320		Tyco	Blue Bos		
			Crevet			
PVC - M Conduits		PN12 Series 1	Vinidex	Hydro S1		
			Iplex			
			Tyco			
Embedment Material - Crushed Rock	351	5-7mm single sized				
Embedment Material - Recycled Concrete	366	14mm Grading 100% less than 14mm max 10% 4.75 mm max 5% 1.18 mm	Queensland Recycling			
Bedding Sand	360					
Concrete	357					