

WATER UTILITIES



ARLINGTONSM
THE AMERICAN DREAM CITY

Approved Products Listing

Arlington Water Utilities

ARLINGTON WATER UTILITIES APPROVED PRODUCTS LISTING

FOR WATER DISTRIBUTION USE

CASING SPACERS AND END SEALS					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
C6, C7, C8		STAINLESS STEEL WITH GLASS FILLED POLYMER PLASTIC RUNNERS	VARIOUS		MUST BE APPROVED BY AWU PRIOR TO INSTALLATION
		END SEALS	VARIOUS		

CHECK VALVES					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B11, C14	C512	INTERNAL WEIGHTED CHECK VALVES	AMES	1000DCV	SIZED PER PLANS
			MUELLER	EDC IV	
			ACIPCO	2100	

COMBINATION AIR VALVES					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B11, C14	AWWA C512	COMBINATION AIR VALVE	APCO	140C	SIZED PER PLANS
			CRISPIN	UL20	

CORPORATION STOPS					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B14	AWWA C800	3/4", 1" & 2" AWWA/CC TAPER INLET x CTS COMPRESSION OUTLET	FORD	F1000-3-NLM, F1000-4-NL, FB-1000-7-TA-G-NL	NO-LEAD
			MUELLER	¾" & 1" ONLY H-15008-N	
			A.Y. MCDONALD	74701BG, 74101BCAPG	
		3/4", 1" & 2" AWWA I.P. INLET x CTS COMPRESSION OUTLET	FORD	F1100-3-NL, F1100-4-NL, FB1100-7-TA-G-NL	NO LEAD
			MUELLER	¾" & 1" ONLY H-15028-N	
			A.Y. MCDONALD	74704BG, 74104BCAPG	
		2" AWWA/CC TAPER INLET x PVC COMPRESSION OUTLET	FORD	FB-1002-7-TA-NL	NO-LEAD; OUTLET O.D. 2.375
			AY MCDONALD	74101BACP-44	
		2" AWWA I.P. INLET x PVC COMPRESSION OUTLET	FORD	FB-1102-7- TA-NL	NO-LEAD; OUTLET O.D. 2.375
			AY MCDONALD	74104BCAP-44	

CURB BOX					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
		ARCH PATTERN CURB BOX, 1" UPPER SECTION W/STATIONARY ROD AND PLUG STYLE LID	FORD	EA2-XX-40-YYR	OR EQUAL, MUST BE APPROVED BY AWU PRIOR TO INSTALLATION
			AY MCDONALD	5607	
		CURB BOX BASE-MUST BE USED WITH CURB BOX	FORD	CB7	OR EQUAL, MUST BE APPROVED BY AWU PRIOR TO INSTALLATION
			AY MCDONALD	5700EBASE	
		ARCH PATTERN CURB BOX, 1 ¼" UPPER SECTION W/STATIONARY ROD AND PLUG STYLE LID, 4"-7", COMPOSITE MATERTIAL	AY MCDONALD	5504	OR EQUAL, MUST BE APPROVED BY AWU PRIOR TO INSTALLATION
		VALVE BOX BASE	BISON	106 BELL BASE	FOR USE ON 2-INCH SERVICES. SEE DETAIL.

DUCTILE IRON FITTINGS					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B15, C11	AWWA C110/A21.10 C153/A21.53	DUCTILE IRON FITTINGS	VARIOUS		

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FIRE HYDRANTS					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B9, C12	AWWA C502 UL 246 FM 1510	FIRE HYDRANTS	ACIPCO	WATEROUS PACER 100 (WB67-250)	
			CLOW	MEDALLION	
			EAST JORDAN IRON WORKS	WATERMASTER 5CD250	
			M&H	MODEL 129	
			MUELLER	SUPER CENTURION 250	

GATE VALVES					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B10, C13	AWWA C515	4" -20" RESILIENT WEDGE GATE VALVE, NRS, OPEN COUNTERCLOCKWISE, 2" SQUARE OPERATING NUT, NO BYPASS	ACIPCO	2500	
			CLOW	2640/2638	
			EAST JORDAN IRON WORKS	FLOW MASTER	
			J&S	6600/6800/6900	
			KENNDEY	KSRW	
			M&H	7000	
			MATCO-NORCA	225	
		MUELLER	2360/2361		
		24" AND LARGER RESILIENT WEDGE GATE VALVE, W/ SPUR GEARING, NRS, OPEN COUNTER CLOCKWISE, 2" SQUARE OPERATING NUT, NO BYPASS	ACIPCO	2500	
			CLOW	2640/2638	
			EAST JORDAN IRON WORKS	FLOW MASTER	
			J&S	6600/6800/6900	
			KENNDEY	KSRW	
			M&H	7000	
MATCO-NORCA	225				
MUELLER	2360/2361				

HDPE SERVICE LINE FITTINGS AND ACCESSORIES					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
	AWWA C906 ASTM D3350	1" CTS STRAIGHT COUPLING, ELECTROFUSION, PE3408/PE4710	GEORG FISCHER	20580	
		2" IPS STRAIGHT COUPLING, ELECTROFUSION, PE3408/PE4710	GEORG FISCHER	20581	
		2" IPS ELL COUPLING, 90 DEGREE, ELECTROFUSION, PE3408/PE4710	GEORG FISCHER	20583	
		1" CTS INSERT STIFFENER, STAINLESS	FORD	INSERT-52	
			MUELLER	504835	
		2" IPS DR11 INSERT STIFFENER	FORD	INSERT-75-DR11	
			MUELLER	538270	
		HDPE ELECTROFUSION TRANSITION, 2" IPS HDPE (2.375 OD) X 2" BRASS MPT, PE4710	GEORG FISCHER	GF 91217MF	OR EQUAL, MUST BE APPROVED BY AWU PRIOR TO INSTALLATION

JOINT RESTRAINTS					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
C6	ASTM A536 AWWA C111/A21.11 C153/A21.53	PVC & DUCTILE IRON PIPE JOINT RESTRAINT	ACCUCAST	ACCULOK	
			EBAA	MEGALUG 1100/2000PV	
			ROMAC	ROMAGRIP	
			SIP	EZ GRIP	
			STAR	SERIES 3000/4000 INCLUDING G2	
			TYLER	TUF GRIP	

ARLINGTON WATER UTILITIES APPROVED PRODUCTS LISTING

METER BOXES, LIDS AND VAULTS					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
		METER BOX, POLY BODY ONLY	DFW PLASTICS	DFW36F-12-BODY	REPLACEMENT ONLY
				DFW1800F-18-BODY	REPLACEMENT ONLY
				DFW37F-12-BODY	3/4" & 1" METERS
				DFW65C-14-BODY	1 1/2" & 2" METERS
				DFW1324F-12-BODY	DUAL METER SET
			OLDCASTLE/CARSON	CARSON 1015-12 BC	REPLACEMENT ONLY
				CARSON 1015-18 BC	REPLACEMENT ONLY
				CARSON 1118-12 BC	3/4" & 1" METERS
			CARSON 1527-12 BCF	1 1/2" & 2" METERS	
			CARSON 1324-12-BC	DUAL METER SET	
		METER BOX, CONCRETE BODY ONLY	OLDCASTLE/CHRISTY	B9BOX, B12BOX, B65BOX, B24BOX	
		METER BOX LID ONLY, AMI READY	DFW PLASTICS	DFW36C-AF1EQAF-LID DFW37C-AF1EQAF-LID DFW65C-AF1EQAF-LID DFW1324C-AF1EQAF-LID	FITS ALL METER BODIES LISTED IN THIS SECTION
		PRECAST METER VAULTS	AMERICAN PRECASTING ODCASTLE PRECAST NEWBASIS		<i>OR EQUAL, MUST BE APPROVED BY AWU PRIOR TO INSTALLATION</i>
		VAULT LIDS	BILCO SYRACUSE CASTINGS	K-5 DT MODEL	<i>OR EQUAL, MUST BE APPROVED BY AWU PRIOR TO INSTALLATION</i>

PIPE MATERIALS, WATER					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B4A, C6	AWWA C900	4" – 60" PVC, DR-18, PRESSURE CLASS 235	VARIOUS		
			CERTA-LOK		
B5, C7	AWWA C150 AWWA C151 AWWA C104	6"-48" DUCTILE IRON PIPE	VARIOUS		
	AWWA C906	4"-36" HDPE, DR-11, DIPS, PRESSURE CLASS 200, PE4710 RESIN, BLACK W/ BLUE STRIPE	VARIOUS		<i>MUST BE APPROVED BY AWU PRIOR TO INSTALLATION</i>
	AWWA C901 ASTM 2737-12	1" HDPE, CTS, PE4710 DR9, 250 PSI W/ TRACER WIRE FACTORY INSTALLED	ENDOT INDUSTRIES	ENDOTRACE EP10041010009	<i>OR EQUAL, MUST BE APPROVED BY AWU PRIOR TO INSTALLATION</i>
	AWWA C901 ASTM 3035	2" HDPE, IPS, PE4710 DR11, 200 PSI W/TRACER WIRE FACTORY INSTALLED		ENDOTRACE PEP2041010014	
B14	ASTM B88	1"-2" SOFT COPPER, TYPE K	VARIOUS		

POLYETHELENE WRAP					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
C16	AWWA C105	MINIMUM 8 MIL THICKNESS	VARIOUS		

SERVICE SADDLES					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B13, C17	AWWA C800	BRONZE BODY, DUAL STAINLESS BANDS	FORD	202BSD	<i>NO FLARE, SADDLE MUST BE DESIGNED FOR PIPE MATERIAL BEING TAPPED</i>
			JONES	J-969	
			MUELLER	BR2S	
			POWERSEAL	3409	
			ROMAC	202BS	
			AY MCDONALD	3855/3856	
		STAINLESS STEEL SADDLECORP	POWERSEAL	3450AS (DOUBLE STRAP)	

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SERVICE FITTINGS							
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS		
B14	AWWA C800	3/4" & 1" CURB STOP, FIP-BOTH ENDS, <i>360 DEGREE TEE HEAD ROTATION</i>	FORD	B11-333R-333-NL, B11-333WR-333-NL B11-444R-NL, B11-444WR-NL			
			MUELLER	H-1500-1N			
			AY MCDONALD	76111/76111W			
				2" ANGLE METER VALVE, CTS COMPRESSION INLET X 2" FLANGED OUTLET, SLOTTED FOR 1 1/2" AND 2" FLANGED METERS	FORD	FV-43-777W-NL	
					MUELLER	H-14277-N	
				2" ANGLE METER VALVE, PVC FIP INLET X 2" FLANGED OUTLET, SLOTTED FOR 1 1/2" AND 2" FLANGED METERS	FORD	FV13-777W-NL	
				BALL VALVE, BRASS, CTS COMPRESSION BOTH ENDS, 2"	FORD	B44-777-G-NL	
					AY MCDONALD	76110-G	
		BALL VALVE, BRASS, PVC COMPRESSION BOTH ENDS, 2"	FORD	B77-777-NL	INLET/OUTLET O.D. 2.375		
			AY MCDONALD	76110-44			
		ELL COUPLING, 90 DEGREE, BRASS, 3/4" – 2" COMPRESSION-BOTH ENDS	FORD	L44-XX-NL			
			MUELLER	H-15526-N			
			AY MCDONALD	74761			
		FLANGE ADAPTER, BRASS, 2" METER FLANGE X 1" METER SWIVEL NUT	FORD	A47-SLOTTED-NL			
			AY MCDONALD	710J47KIT			
		METER COUPLING, BRASS, STRAIGHT, 3/4" & 1" VARIOUS LENGTHS	FORD	C38-XX-XX-NL STYLE A			
			MUELLER	H-10890-N			
			AY MCDONALD	74624, 74620			
		METER FLANGE, BRASS, 1 1/2" X 1 1/2" FIP THREAD & 2" X 2" FIP THREAD	FORD	CF31-66-NL, CF31-77-NL			
			MUELLER	H-10129N			
			AY MCDONALD	7610FD			
		QUARTER BEND, BRASS 3/4" & 1" COMPRESSION TO MIP	FORD	L84-XX-NL			
			MUELLER	H-15531-N			
			AY MCDONALD	74779M			
		STRAIGHT COUPLING, BRASS, CTS COMPRESSION BOTH ENDS, 3/4" – 2"	FORD	C44-XX-NL			
			MUELLER	H-15403-N			
			AY MCDONALD	74758-22			
		STRAIGHT COUPLING, BRASS, CTS COMPRESSION X MIP, 3/4" – 2"	FORD	C84-XX-NL			
			MUELLER	H-15428-N			
			AY MCDONALD	74753-22			
		STRAIGHT COUPLING, BRASS, CTS COMPRESSION X FIP, 3/4" – 2"	FORD	C14-XX-NL			
			MUELLER	H-15451-N			
			AY MCDONALD	74754-22			
		MULTI-SERVICE "Y" 2" FIP Inlet x 4-1" FIP Outlets	FORD	Y-11-474-NL			
			AY MCDONALD	74765			

TAPPING SLEEVES					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B10, C13	AWWA C223 ASTM A536	TWO-PIECE BOLTED WITH STAINLESS STEEL NUTS AND BOLTS	ROMAC	FTS420, STS420, SST III	<i>OR EQUAL, MUST BE APPROVED BY AWU PRIOR TO INSTALLATION</i>

U-BRANCH CONNECTIONS					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B14	AWWA C800	1" MIP INLET X (2) 3/4" MIP OUTLETS, 14" ON CENTER	FORD	U88-43-14-AWT-NL	
			MUELLER	H-15364-N	
			AY MCDONALD	708UMM	

ARLINGTON WATER UTILITIES APPROVED PRODUCTS LISTING

VALVE BOXES AND ACCESSORIES							
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS		
B16 C13	ASTM A48 Class 35B AASHTO M306	VALVE BOX, 2-PIECE, SCREW TYPE, 24" SCREW TYPE EXTENSION, DROP IN & LOCKING LIDS	EAST JORDAN IRON WORKS	8550			
			TYLER UNION	6850			
			SIP	6000HD			
			STAR	SCREW TYPE			
		VALVE BOX RISER	BASS AND HAYS	1824 SET SCREW TYPE		EAST JORDAN IRON WORKS	SET SCREW TYPE
			VESTAL	SET SCREW TYPE			
	ASTM A48 Class 35B AASHTO M306	VALVE BOX ADAPTER	ADAPTER INC.	VALVE BOX ADAPTER II			
		VALVE BOX, 2-PIECE, SCREW TYPE, EXTENSION, ABS MATERIAL	BINGHAM & TAYLOR	BISON VALVE BOXES			
		CURB BOX BELL ADAPTER (CUT OUT TO FIT OVERT SERVICE LINE)	BINGHAM & TAYLOR	BISON 106 BELL, P05BH106	FOR 2-INCH SERVICE APPLICATIONS WHEN C.I. CURB BOX UNAVAILABLE		

FOR SANITARY SEWER SYSTEM USE

CLEANOUT BOOTS AND COVERS					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
	ASTM A48 Class 35B AASHTO M306	CLEANOUT BOOT W/LOCKING COVER/LID	BASS AND HAYS	BH339C	

MANHOLE INSERTS, SEALS, LINERS, COATINGS AND CORROSION ADDITIVES					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
		EPOXY LINER	RAVEN	405 LINING SYSTEM	
			WARREN ENVIRONMENTAL	301-14 HIGH PERFORMANCE EPOXY SYSTEM	
		SPRAY WALL LINER	SPRAYROQ INC.		
		EXTERIOR COATING	ERTECH	2100 NON-FIBERED ASPHALTIC COATING	2 COATS REQUIRED FOR CAST IN PLACE MANHOLES
			IMRAE	COATMASTERS 7007	
		GRADE RING SEAL	INFI-SHIELD	INTERIOR UNIBAND	
		FIBERGLASS INSERT	L.F. MANUFACTURING		
		PRECAST CONCRETE SEALANT	GENERAL SEALANTS	GS-5	
			CON SEAL	CS-102	

MANHOLE RING & LIDS						
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS	
	ASTM A48 Class 35B AASHTO M306	24" AND 30" HINGED MANHOLE ASSEMBLY, STANDARD AND WATERTIGHT	EAST JORDAN IRON WORKS	ERGO & ERGO XL	NEW INSATALLATION	
			NEENAH	R-1650-LM, R-1743-LM		
		24" LID, DROP IN AND WATERTIGHT	EAST JORDAN IRON WORKS	1342A 1342A1 1342APT	REPLACEMENT ONLY, MUST FIT EJIW 132421 No. 00134215, 1324PT No. 00134217	
			ACCUCAST			
			SIGMA			
			NEENAH	1272		
			STAR			
		32" LID, DROP IN & WATERTIGHT	EAST JORDAN IRON WORKS	V-1432-3, V-2432-3, No. V-1432, V-2432	REPLACEMENT ONLY, MUST FIT EJIW 1480Z No.00148015, 2810ZPT No. 00281018	
			ACCUCAST	275001		
			SIGMA	1561		
			NEENAH	1724		
			STAR			
				SIP	2280	

ARLINGTON WATER UTILITIES APPROVED PRODUCTS LISTING

MANHOLE GRADE RINGS					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
	AASHTO M306	24" AND 30" OPENING GRADE RING, VARIOUS HEIGHTS	CRETEX	PRO-RING	OR EQUAL, MUST BE APPROVED BY AWU PRIOR TO INSTALLATION
			EJ	INFRA-RISER	

ODOR CONTROL VENT VALVE					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
		4" AND 6" ODOR CONTROL VENT VALVE	WAGER USA	1800A	OR EQUAL, MUST BE APPROVED BY AWU PRIOR TO INSTALLATION

PIPE MATERIALS					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
B7, C9	ASTM D3034	PVC SEWER PIPE (4"-15")	VARIOUS	SDR 26 (115psi)	USE WHERE CLEARANCE BETWEEN WATER AND SEWER IS 9 FEET OR MORE
	ASTM F679	PVC SEWER PIPE (18"-48")	VARIOUS	PS115 (115psi)	
	ASTM D2241	PVC SEWER PIPE (4"-12")	VARIOUS	SDR 26 (160psi)	USE WHERE CLEARANCE BETWEEN WATER AND SEWER IS LESS THAN 9 FEET
	AWWA C905	PVC SEWER PIPE (14"-48") GREEN COLOR	VARIOUS	DR25 (165psi)	
	ASTM D2241	PVC SEWER PIPE (4"-12")	CERTA-LOK	SDR 21 OR 26	USE FOR HORIZONTAL DIRECTIONAL DRILLING
	AWWA C906	HDPE, PE4710, GRAY COLOR W/ GREEN STRIPE	VARIOUS	DR11	USE FOR PIPE BURSTING
B5, B17, C7	AWWA C151	DUCTILE IRON PIPE	VARIOUS		LINED W/PROTECTO 401 CERAMIC EPOXY LINING
	ASTM D3262 (ASTM D4161 FOR JOINTS) AWWA C950	FIBERGLASS GRAVITY SEWER PIPE	HOBAS PIPE USA	SN 46 OR SN 72	SN 72 TO BE USED ONLY IN DIRECT BORE SITUATIONS
			FLOWTITE		

PIPE REHAB					
GOVERNING SPECIFICATION	ASTM/AWWA	DESCRIPTION	MANUFACTURER	MODEL, TYPE OR APPROVED STYLE	COMMENTS
		TRENCHLESS REHAB	BLUE-TEK	RELINER AMERICA	
			INSITUFORM	CIPP	
			U-LINER	FOLD AND FORM	
			NATIONAL LINER	CIPP	