

## DALLAS WATER UTILITIES APPROVED MATERIALS BY TRADE NAME

Revised October 2024 214-670-8017

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	EXCEPTIONS	AIS CERTIFIED	NSF 61 CERTIFIED
<b>Automatic Flushers</b>		<b>Manufacturer</b>					
AUTOMATIC FLUSHER	AUTOMATIC FLUSHER	The Kupferle Foundary Company	9800-WC Eclipse	Bid Item 5756		N/A	N/A
AUTOMATIC FLUSHER	AUTOMATIC FLUSHER	The Kupferle Foundary Company				N/A	N/A

<b>Casing Spacers</b>		<b>Manufacturer</b>					
CASING SPACER	CASING SPACER	ADVANCE PRODUCTS AND SYSTEMS	STAINLESS MODEL SSI	DWU SPECIFICATIONS	STAINLESS ONLY	AIS Cert. Only	N/A
CASING SPACER	CASING SPACER	PSI	STAINLESS MODEL	DWU SPECIFICATIONS	STAINLESS ONLY	AIS Cert. Only	N/A
CASING SPACER	CASING SPACER	Power Seal	MODEL 4810 STAINLESS	DWU SPECIFICATIONS	STAINLESS ONLY	AIS Cert. Only	N/A
CASING SPACER	CASING SPACER	BWM	SS - Series	DWU SPECIFICATIONS	STAINLESS ONLY	AIS Cert. Only	N/A

<b>Coatings</b>		<b>Manufacturer</b>					
PIPE COATING	FITTING COATING	AQUAARMOR	METAL JACKET	ASTM B117 and NSF 61		N/A	NSF

<b>Corporation Stop</b>		<b>Manufacturer</b>					
3/4" & 1" CORPORATION STOP *	QUICK JOINT BALL VALVE	FORD	FB-1000-x-Q-NL	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	UL
3/4" & 1" CORPORATION STOP *	CB Compression	CAMBRIDGE	301NL-Series	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF
3/4" & 1" CORPORATION STOP *	Q-SERIES BALL VALVE CORP STOP	McDONALD	74701BQ	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF
3/4" & 1" CORPORATION STOP *	110 BALL VALVE	MUELLER**	B-25008N	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF

\*MUST HAVE STAINLESS STEEL COMPRESSION GRIP RING.

\*\* R-REDUCED  
NOT APPROVED

<b>Corporation Stop</b>		<b>Manufacturer</b>					
1 1/2" & 2" CORPORATION STOP *	QUICK JOINT BALL VALVE	FORD	FB-1000-x-Q-NL	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	UL
1 1/2" & 2" CORPORATION STOP *	CB Compression	CAMBRIDGE	301NL-Series	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF
1 1/2" & 2" CORPORATION STOP *	Q-SERIES BALL VALVE CORP STOP	McDONALD	74701BQ	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF
1 1/2" & 2" CORPORATION STOP *	110 BALL VALVE	MUELLER	B-25008N	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF

\*MUST HAVE STAINLESS STEEL COMPRESSION GRIP RING.

<b>Coupling Straight</b>		<b>Manufacturer</b>					
COUPLING, STRAIGHT*	FOR GRAY AND DI PIPE	FORD	FC1 STYLE	AWWA C219 & DWU SPEC	2"-12"	No	UL
COUPLING, STRAIGHT*	FOR GRAY AND DI PIPE	FORD	FC4 STYLE	AWWA C219 & DWU SPEC	14"-60"	AIS Cert. Only	UL
COUPLING, STRAIGHT*	FOR GRAY AND DI PIPE	JCM	210 SERIES	AWWA C219 & DWU SPEC		AIS Cert. Only	NSF
COUPLING, STRAIGHT*	FOR GRAY AND DI PIPE	ROMAC	STYLE 501	AWWA C219 & DWU SPEC		AIS Cert. Only	NSF
COUPLING, STRAIGHT*	FOR GRAY AND DI PIPE	SMITH-BLAIR	411, 441, 461 & 462	AWWA C219 & DWU SPEC		AIS Cert. Only	NSF
COUPLING, STRAIGHT	FOR STEEL, DI, PVC	TPS	TX3	AWWA C219 & DWU SPEC	2"-12"	No	NSF

\* MUST HAVE 12 MILS FUSION BONDED EPOXY COATING & 316 SS BOLTS.

<b>Coupling Transition</b>		<b>Manufacturer</b>					
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	FORD	FC2A STYLE	AWWA C219 & DWU SPEC	2"-24"	No	UL
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	FORD	FC5 and FC6 STYLE	AWWA C219 & DWU SPEC	24" - 60"	AIS Cert. Only	UL
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	POWERSEAL	POWERMAX	AWWA C219 & DWU SPEC		No	NSF
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	ROMAC	XR-501	AWWA C219 & DWU SPEC		AIS Cert. Only	NSF
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	ROMAC	TC-400	AWWA C219 & DWU SPEC		AIS Cert. Only	NSF
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	SMITH-BLAIR	413, 441, 461 & 462	AWWA C219 & DWU SPEC		AIS Cert. Only	NSF

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COUPLING, TRANSITION*	FOR GRAY, DI AND AC	HYMAX	SERIES 2000	AWWA C219 & DWU SPEC		AIS Cert. Only	NSF

\*MUST HAVE 12 MILS FUSION BONDED EPOXY COATING & 316 SS BOLTS.

Curb Stop		Manufacturer					
3/4" & 1" CURB STOP *	QUICK JOINT BALL VALVE	FORD	B-41-xxx-W-Q-NL	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	UL
3/4" & 1" CURB STOP *	CB Compression	CAMBRIDGE	212NL-Series	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF
3/4" & 1" CURB STOP *	Q-SERIES BALL VALVE	McDONALD	76102WQ	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF
3/4" & 1" CURB STOP *	110 BALL VALVE	MUELLER	B-25170N	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF

\*MUST HAVE STAINLESS STEEL COMPRESSION GRIP RING.

Curb Stop		Manufacturer					
1 1/2" & 2" CURB STOP *	QUICK JOINT BALL VALVE	FORD	B-41-xxx-W-Q-NL	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	UL
1 1/2" & 2" CURB STOP *	CB Compression	CAMBRIDGE	212NL-Series	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF
1 1/2" & 2" CURB STOP *	Q-SERIES BALL VALVE	McDONALD	76102WQ	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF
1 1/2" & 2" CURB STOP *	110 BALL VALVE	MUELLER	B-25170N	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	N/A	NSF

\*MUST HAVE STAINLESS STEEL COMPRESSION GRIP RING.

Fire Hydrants		Manufacturer					
FIRE HYDRANTS*		American Flow Control	WATEROUS PACER	AWWA C502 & 502.6.3.COD		AIS Cert. Only	NA
FIRE HYDRANTS*		CLOW*	MEDALLION F2545*	AWWA C502 & 502.6.3.COD	MUST HAVE DWU ID TAG	AIS Cert. Only	NA
FIRE HYDRANTS*		KENNEDY	K-81-A or D (GUARDIAN)	AWWA C502 & 502.6.3.COD		AIS Cert. Only	NA
FIRE HYDRANTS*		MUELLER	SUPER CENTURION 250	AWWA C502 & 502.6.3.COD		AIS Cert. Only	NA
FIRE HYDRANTS*		US PIPE & FOUNDRY	MET 250 M-94	AWWA C502 & 502.6.3.COD		AIS Cert. Only	NA

\*MUST HAVE FULL BODY GLANDS AND RED PRIMER.

Fittings		Manufacturer					
FITTINGS, FULL-BODIED	DUCTILE IRON	AMERICAN CAST IRON PIPE		AWWA C110 & COG	Greater than 16"	AIS Cert. Only	NSF
FITTINGS, FULL-BODIED	DUCTILE IRON	STAR PIPE		AWWA C110 & COG		No	NSF
FITTINGS, FULL-BODIED	DUCTILE IRON	TYLER/UNION/UFCO	Stamped USA	AWWA C110 & COG		AIS Cert. Only	UL
FITTINGS, FULL-BODIED	DUCTILE IRON	Sigma		AWWA C110 & COG		No	UL
FITTINGS, FULL-BODIED	DUCTILE IRON	US PIPE & FOUNDRY		AWWA C110 & COG		AIS Cert. Only	NSF
FITTINGS, FULL-BODIED	DUCTILE IRON	SIP		AWWA C110 & COG		No	NSF

COMPACT FITTINGS AND GLANDS ARE NOT ALLOWED.

Flange Adapters		Manufacturer					
FLANGE ADAPTERS	FOR DI PIPE	EBAA IRON	SERIES 2100 MEGAFLANGE	AWWA C219 & DWU SPEC		AIS Cert. Only	NSF
FLANGE ADAPTERS	FOR DI PIPE	FORD	RFAP & RFAD	AWWA C219 & DWU SPEC		No	NSF

Flange Coupling Adapter		Manufacturer					
COUPLING ADAPTER*	FLANGED, IRON	FORD	FFCA SERIES	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	No	UL
COUPLING ADAPTER*	FLANGED, IRON	FORD	FC5 SERIES	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	AIS Cert. Only	UL
COUPLING ADAPTER*	FLANGED, IRON	POWERSEAL	3521	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	AIS Cert. Only	NSF
COUPLING ADAPTER*	FLANGED, CARBON STEEL	HYMAX**	2100 SERIES	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	AIS Cert. Only	NSF
COUPLING ADAPTER*	FLANGED, IRON	JCM	301 SERIES	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	AIS Cert. Only	NSF
COUPLING ADAPTER*	FLANGED, IRON	ROMAC	FCA 501	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	AIS Cert. Only	NSF
COUPLING ADAPTER*	FLANGED, IRON	SMITH-BLAIR	912 (NEW & OLD) STYLE	AWWA C219 & DWU SPEC	912-9 W/RED GLANDS NOT ALLOWED	AIS Cert. Only	NSF

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\* MUST HAVE 12 MILS FUSION BONDED EPOXY COATING \*\* MAXIMUM SIZE 8".

Flange Reducing Coupling Adapter		Manufacturer					
COUPLING ADAPTER*	FLANGED, IRON	SMITH-BLAIR	914	AWWA C219 & DWU SPEC	W/RED GLANDS NOT ALLOWED	AIS Cert. Only	NSF
COUPLING ADAPTER*	FLANGED, IRON	FORD	FCA SERIES	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	AIS Cert. Only	NSF

Large Service Hatches		Manufacturer					
LARGE SERVICE HATCH	ALUMINUM HATCH	U.S.F FABRICATION				N/A	

Manhole Appurt.		Manufacturer					
MANHOLE GRADE ADJUSTMENT RINGS		CHILTON ASSOCIATES		COG 502.1.1.1, ASTM C478		AIS Cert. Only	NA
MANHOLE RING & LID	24-INCH	BASS & HAYS*	#400-24	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	AIS Cert. Only	NA
MANHOLE RING & LID	24-INCH	BASS & HAYS*	#400-24D	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	AIS Cert. Only	NA
MANHOLE RING & LID	24-INCH	SIGMA*	MH140W	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	No	NA
MANHOLE RING & LID	32-INCH	BASS & HAYS*	V1420	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	AIS Cert. Only	NA
MANHOLE RING & LID	40-INCH	BASS & HAYS*	#1225-40	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	AIS Cert. Only	NA
MANHOLE RING & LID	40-INCH	NEENAH	R-1901	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	AIS Cert. Only	NA

Pipe Material		Manufacturer					
PVC	DR-14	VARIOUS		AWWA C900		N/A	
PVC	DR-14	VinylPlex		AWWA C900		N/A	
PVC	DR-14	Sanderson PVC		AWWA C900		N/A	
Ductile Iron	Special Thickness Class 52	VARIOUS		AWWA C151	Excludes Central Business District & Airports	AIS Cert. Only	NSF
Ductile Iron	Special Thickness Class 54	VARIOUS		AWWA C151		AIS Cert. Only	NSF

Pipe Lubricant		Manufacturer					
PIPE LUBRICANT		W. CANNING	VINOLEO PIPE JOINT LUBE	PURCHASING DESC. 16-0575		N/A	NSF
PIPE LUBRICANT		JTM PRODUCTS	PHOENIX PIPE JOINT LUBE	PURCHASING DESC. 16-0575		N/A	NSF
PIPE LUBRICANT		SEACORD CORP.	TYTON JOINT LUBRICANT AND EASE ON	PURCHASING DESC. 16-0575		N/A	NSF
PIPE LUBRICANT		J. C. WHITLAM	BLUE LUBE	PURCHASING DESC. 16-0575		N/A	NSF
PIPE LUBRICANT		MANUSPEC COMP.	TRUE BLUE	PURCHASING DESC. 16-0575		N/A	NSF
PIPE LUBRICANT		ACCUCAST	ACCUCAST	PURCHASING DESC. 16-0575		N/A	NSF
PIPE LUBRICANT		MANUSPEC COMP.	JPL PIPE LUBRICANT	PURCHASING DESC. 16-0575		N/A	NSF

Polywrap							
POLYWRAP	WRAP MUST BE LLDPE, t= 0.008", MANUFACTURED AND LABELED IN ACCORDANCE WITH AWWA C105.					N/A	

Retainer Glands		Manufacturer					
RETAINER GLANDS	FOR DI PIPE	EBAA IRON	MEGALUG 1100 & 1100SD	DWU SPEC & COG	3" -54"	AIS Cert. Only	-
RETAINER GLANDS	FOR DI PIPE	UNI-FLANGE	SERIES 1400-D	DWU SPEC & COG	3" -54"	AIS Cert. Only	-
RETAINER GLANDS	FOR DI PIPE	Star Pipe	Star-grip 3000	DWU SPEC & COG	<16"	AIS Cert. Only	-

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RETAINER GLANDS	FOR DI PIPE	Sigma	One-Lok SLDE	DWU SPEC & COG	<16"	No	-
RETAINER GLANDS	FOR DI PIPE	SIP	EZ Grip	DWU SPEC & COG	<16"	No	-
RETAINER GLANDS	FOR PVC PIPE	EBAA IRON	MEGALUG - SERIES 2000 PV	DWU SPEC & COG	< 17"	AIS Cert. Only	-
RETAINER GLANDS	FOR PVC PIPE	UNI-FLANGE	SERIES 1500	DWU SPEC & COG	< 17"	AIS Cert. Only	-
RETAINER GLANDS	FOR PVC PIPE	ROMAC	RomaGrip	DWU SPEC & COG	< 17"	AIS Cert. Only	-
RETAINER GLANDS	FOR PVC PIPE	Star Pipe	Star-grip 4000	DWU SPEC & COG	< 17"	AIS Cert. Only	-
RETAINER GLANDS	FOR PVC PIPE	Sigma	One-Lok SLC	DWU SPEC & COG	< 17"	No	-
RETAINER GLANDS	FOR PVC PIPE	SIP	EZ Grip	DWU SPEC & COG	< 17"	No	-

Service Saddles		Manufacturer					
SERVICE SADDLES	BRONZE DOUBLE STRAP	JAMES JONES	J-979	AWWA C800 & COG 502.10.2.1		AIS Cert. Only	UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	FORD*	202B	AWWA C800 & COG 502.10.2.1	NEW MAIN INSTALLATIONS ONLY	N/A	UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	McDONALD	3825	AWWA C800 & COG 502.10.2.1	-	N/A	UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	MUELLER	BR2B	AWWA C800 & COG 502.10.2.1		N/A	NSF
SERVICE SADDLES	BRONZE DOUBLE STRAP	SMITH-BLAIR*	323	AWWA C800 & COG 502.10.2.1	NEW MAIN INSTALLATIONS ONLY	N/A	NSF

Speciality Item		Manufacturer					
SERVICE SADDLES	BRONZE DOUBLE STRAP	JAMES JONES	J-979	AWWA C800 & COG 502.10.2.1		N/A	UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	FORD*	202B	AWWA C800 & COG 502.10.2.1	NEW MAIN INSTALLATIONS ONLY	N/A	UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	McDONALD	3825	AWWA C800 & COG 502.10.2.1	-	N/A	UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	MUELLER	BR2B	AWWA C800 & COG 502.10.2.1		N/A	NSF
SERVICE SADDLES	BRONZE DOUBLE STRAP	SMITH-BLAIR*	323	AWWA C800 & COG 502.10.2.1	NEW MAIN INSTALLATIONS ONLY	N/A	NSF

Tapping Sleeve	Carbon Steel	Manufacturer					
TAPPING SLEEVE	CARBON STEEL*	FORD	FTSC-xxxx-SH	DWU SPEC & COG 502.6.1.17		ASI Cert. Only	UL
TAPPING SLEEVE	CARBON STEEL*	POWERSEAL	3460CS	DWU SPEC & COG 502.6.1.17		ASI Cert. Only	NSF
TAPPING SLEEVE	CARBON STEEL*	ROMAC	FTS420	DWU SPEC & COG 502.6.1.17	MUST HAVE 3/8" MIN. THICKNESS	ASI Cert. Only	NSF
TAPPING SLEEVE	CARBON STEEL*	SMITH-BLAIR	622 SERIES	DWU SPEC & COG 502.6.1.17		ASI Cert. Only	NSF

\*STEEL SLEEVES SHALL BE RESTRICTED TO PIPE SIZES 12" AND LARGER AND SHALL NOT BE USED FOR TAPS GREATER THAN 75% OF THE MAIN SIZE.

\*MUST HAVE SS BOLTS AND NUTS. TAPPING SLEEVE MUST BE EPOXY COATED. NO SIZE ON SIZE TAPPING SLEEVES

Tapping Sleeve	Gray or DI	Manufacturer					
TAPPING SLEEVE	GRAY OR DI, FULL BODIED*	MUELLER	H-615	DWU SPEC & COG 502.6.1.17	12" PIPE MIN	AIS Cert. Only	NSF
TAPPING SLEEVE	GRAY OR DI, FULL BODIED*	U. S. PIPE	-	DWU SPEC & COG 502.6.1.17	12" PIPE MIN	AIS Cert. Only	NSF

\*GRAY OR DI SHALL BE RESTRICTED TO PIPE SIZES 12" AND LARGER AND SHALL NOT BE USED FOR TAPS GREATER THAN 75% OF THE MAIN SIZE.

Tapping Sleeve	Stainless Steel	Manufacturer					
TAPPING SLEEVE	STAINLESS STEEL*	CASCADE	CST-EX	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	AIS Cert. Only	UL
TAPPING SLEEVE	STAINLESS STEEL*	FORD	FTSS	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	AIS Cert. Only	UL
TAPPING SLEEVE	STAINLESS STEEL*	JCM	432	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	AIS Cert. Only	NSF
TAPPING SLEEVE	STAINLESS STEEL*	MUELLER	H304	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	AIS Cert. Only	NSF
TAPPING SLEEVE	STAINLESS STEEL*	ROMAC	SST III	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	AIS Cert. Only	NSF
TAPPING SLEEVE	STAINLESS STEEL*	SMITH-BLAIR	665	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	AIS Cert. Only	NSF

\*OUTLET FLANGES MUST ALSO BE STAINLESS STEEL. SHALL BE RESTRICTED TO PIPE SIZES 8" AND SMALLER AND SHALL NOT BE USED FOR TAPS GREATER THAN 75% OF THE MAIN SIZE

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<b>Air Valves</b>		<b>Manufacturer</b>					
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	CLA-VAL		COG 502.6.3.COD		AIS Cert. Only	-
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	CRISPIN		COG 502.6.3.COD		AIS Cert. Only	-
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	G. A. INDUSTRIES (EMPIRE)		COG 502.6.3.COD		No	-
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	VAL-MATIC		COG 502.6.3.COD		AIS Cert. Only	-
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	VALVE & PRIMER (APCO)		COG 502.6.3.COD		AIS Cert. Only	-
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	VENT-O-MAT	RBX SERIES	COG 502.6.3.COD		AIS Cert. Only	-

<b>Valve Box Risers</b>		<b>Manufacturer</b>					
VALVE BOX RISERS*	ADJUSTABLE - ANCHOR TYPE	BASS & HAYS	#1824 SET SCREW TYPE	COG 806.4 & DWU 7360-2525-91		AIS Cert. Only	NA

\* MAY ONLY BE USED FOR ADVANCE OF PAVING.

Valves	Butterfly	Manufacturer					
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	M & H	48-INCH & SMALLER	AWWA C504 & DWU SPECS		AIS Cert. Only	NSF
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	CRISPIN K-FLO	24-INCH & LARGER	AWWA C504 & DWU SPECS		AIS Cert. Only	UL
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	J&S	16-INCH & LARGER	AWWA C504 & DWU SPECS		AIS Cert. Only	UL
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	VALMATIC	84-INCH & SMALLER	AWWA C504 & DWU SPECS		AIS Cert. Only	UL
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	MUELLER	16-INCH & LARGER	AWWA C504 & DWU SPECS		AIS Cert. Only	UL
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	DEZURIK	72-INCH & SMALLER	AWWA C504 & DWU SPECS		AIS Cert. Only	UL

Valve Stack	Covers and Lid	Manufacturer					
VALVE COVERS	LID	BASS & HAYS	#340-1	COG 806.4		AIS Cert. Only	NA
VALVE COVERS	10" COVER	BASS & HAYS	#340-1	COG 806.4		AIS Cert. Only	NA
VALVE COVERS	18" COVER	BASS & HAYS	#348-1	COG 806.4		AIS Cert. Only	NA
VALVE COVERS	LID	SIGMA	VB1651M	COG 806.4		No	NA
VALVE COVERS	10" COVER	SIGMA	VB1652M	COG 806.4		No	NA
VALVE COVERS	Lid	Accucast	115002	COG 806.4		No	NA
VALVE COVERS	10" Stack	Accucast	115000	COG 806.4		No	NA
VALVE COVERS	Lid	SIP	4300	COG 806.4		No	NA
VALVE COVERS	10" Stack	SIP	4300	COG 806.4		No	NA
VALVE COVERS	Lid	Star Pipe Products	VBDallas	COG 806.4		No	NA
VALVE COVERS	10" Stack	Star Pipe Products	VBDallas	COG 806.4		No	NA

Valves	Double-Disc	Manufacturer					
VALVES, GATE*	DOUBLE-DISC, SEATED METAL	CLOW KENNEDY M&H	>16-inch requires by pass	C500, DWU SPEC & COG 502.6.COD		AIS Cert. Only	NSF
VALVES, GATE*	DOUBLE-DISC, SEATED METAL	MUELLER	>16-inch requires by pass	C500, DWU SPEC & COG 502.6.COD	W/RV bypass	AIS Cert. Only	NSF
VALVES, GATE*	DOUBLE-DISC, SEATED METAL	U. S. PIPE	>16-inch requires by pass	C500, DWU SPEC & COG 502.6.COD		AIS Cert. Only	NSF
VALVES, GATE*	DOUBLE-DISC, SEATED METAL	J&S	>16-inch requires by pass	C500, DWU SPEC & COG 502.6.COD		AIS Cert. Only	NSF
VALVES, GATE*	DOUBLE-DISC, SEATED METAL	American R/D	No by-pass ports	C500, DWU SPEC & COG 502.6.COD	Up to 12"	AIS Cert. Only	NSF

\* MUST HAVE 316 SS BOLTS.

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BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	EXCEPTIONS	AIS CERTIFIED	NSF 61 CERTIFIED
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Valves	Vertical Resilient	Manufacturer					
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	CLOW	No by-pass ports	C509-DI or C515, COG 502.6.COD & DWU RSGV	16" MAX.	AIS Cert. Only	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	KENNEDY	No by-pass ports	C509-DI or C515, COG 502.6.COD & DWU RSGV	16" MAX.	AIS Cert. Only	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	M & H	No by-pass ports	C509-DI or C515, COG 502.6.COD & DWU RSGV	16" MAX.	AIS Cert. Only	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	MUELLER	No by-pass ports	C509-DI or C515, COG 502.6.COD & DWU RSGV	16" MAX.	AIS Cert. Only	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	U. S. PIPE	No by-pass ports	C509-DI or C515, COG 502.6.COD & DWU RSGV	16" MAX.	AIS Cert. Only	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	American Flow	No by-pass ports	C509-DI or C515, COG 502.6.COD & DWU RSGV	16" MAX.	AIS Cert. Only	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	J&S Valve	No by-pass ports	C509-DI or C515, COG 502.6.COD & DWU RSGV	16" MAX.	AIS Cert. Only	NSF

\* MUST HAVE 316 SS BOLTS. BOTH RED EPOXY OR BITUMINOUS EXTERIOR COATINGS ARE ALSO ACCEPTABLE.

Water Meter AMR Lids	AMR	Manufacturer					
WATER METER AMR LIDS	PLASTIC	DFW PLASTICS		DWU SPECIFICATIONS	12"	N/A	-
WATER METER AMR LIDS	PLASTIC	DFW PLASTICS		DWU SPECIFICATIONS	20"	N/A	-
WATER METER AMR LIDS	PLASTIC	ACCUCAST		DWU SPECIFICATIONS	12"	N/A	-
WATER METER AMR LIDS	PLASTIC	PENTAIR		DWU SPECIFICATIONS	12"	N/A	-
WATER METER AMR LIDS	PLASTIC	BASS & HAYS	3 LID P6	DWU SPECIFICATIONS	12"	N/A	

Water Meter AMR Lids	AMR	Manufacturer					
WATER METER AMR LIDS	HYBRID	HUBBELL	HYBRID UTILITY COVER	DWU SPECIFICATIONS	12"	N/A	

Water Meter Vaults	Large Services	Manufacturer					
WATER METER VAULTS	CONCRETE	AMERICAN INDUSTRIAL PRECAST	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		AIS Cert. Only	-
WATER METER VAULTS	CONCRETE	BROOKS/OLDCASTLE PRECAST	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		AIS Cert. Only	-
WATER METER VAULTS	CONCRETE	CONCRETE PRODUCTS (CPI)	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		AIS Cert. Only	-
WATER METER VAULTS	CONCRETE	HANSON	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		AIS Cert. Only	-
WATER METER VAULTS	CONCRETE	NEW BASIS (DALWORTH QUICKSET)	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		AIS Cert. Only	-
WATER METER VAULTS	CONCRETE	TURNER	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		AIS Cert. Only	-
WATER METER VAULTS	CONCRETE	PARK USA	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		No	-

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<b>Water Meter Boxes</b>	<b>Small Services</b>	<b>Manufacturer</b>					
WATER METER BOXES FOR 3/4" & 1" SERVICES	PLASTIC WITH DI RING & LID	ACCUCAST	846211 COMPLETE, 842100 BOX, 872065 LID, 872061 RING	DWU SPECS		No	NA
WATER METER BOXES FOR 3/4" & 1" SERVICES	PLASTIC WITH DI RING & LID	BASS & HAYS STATES MID	MS18DAL BOX, BH-3PD LID, BH-4PD RING	DWU SPECS		AIS Cert. Only	NA
WATER METER BOXES FOR 3/4" & 1" SERVICES	PLASTIC WITH DI RING & LID	SIGMA	MB151-DFW-18DAL	DWU SPECS		No	NA
WATER METER BOXES FOR 1 1/2" & 2" SERVICES	PLASTIC WITH DI RING & LID	BASS & HAYS STATES MID	MS30DAL BOX, BH-5PD LID & RING	DWU SPECS		AIS Cert. Only	NA
WATER METER BOXES FOR 1 1/2" & 2" SERVICES	PLASTIC WITH DI RING & LID	ACCUCAST	846215 COMPLETE, 843000 BOX, 872071 RING AND 872070 LID	DWU SPECS		No	NA
WATER METER BOXES FOR 1 1/2" & 2" SERVICES	PLASTIC WITH DI RING & LID	SIGMA	DFW3018DAL-MB156D	DWU SPECS		No	NA

\* GALVANIZED BOXES ARE NOT ACCEPTABLE.

<b>W/M Couplings</b>	<b>MIP x Compression</b>	<b>Manufacturer</b>					
WATER METER COUPLINGS	MIP X COMPRESSION 90	FORD	L84-xx-Q	DWU SPECS & PURCHASING DESCRIPTION		N/A	UL
WATER METER COUPLINGS	MIP X COMPRESSION 90	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	MIP X COMPRESSION 90	McDONALD	4779MQ	DWU SPECS & PURCHASING DESCRIPTION		N/A	TRUESDAIL
WATER METER COUPLINGS	MIP X COMPRESSION 90	MUELLER	H-15531	DWU SPECS & PURCHASING DESCRIPTION		N/A	UL
WATER METER COUPLINGS	MIP X COMPRESSION 90	CAMBRIDGE	105NL-Series	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	MIP X COMPRESSION 90	McDONALD	74779MQ	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	MIP X COMPRESSION 90	MUELLER	H-15531	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
<b>W/M Couplings</b>	<b>Brass Misc</b>						
WATER METER COUPLINGS	BRASS - CROOKED	FORD	3/4" - L38-23 and 1" - L38-44	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	BRASS - CROOKED	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	BRASS - CROOKED	McDONALD	3/4" - 4621 DALLAS 1" - 4623 DALLAS	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	TRUESDAIL
WATER METER COUPLINGS	BRASS - CROOKED	MUELLER	H-10892	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	BRASS - CROOKED	CAMBRIDGE	405NL-Series	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	BRASS - CROOKED	McDONALD	3/4" - 74621 DALLAS 1" - 74623 DALLAS	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	BRASS - CROOKED	MUELLER	H-10892E	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	FORD	L88-77	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	JAMES JONES	J2604	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	CAMBRIDGE	105NL-Series	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	McDONALD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	MUELLER	H15538	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF

<b>W/M Couplings</b>	<b>Meter Flange</b>	<b>Manufacturer</b>					
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WATER METER COUPLINGS	1 1/2" BRASS METER FLANGE	JAMES JONES*	J129H	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	N/A	-
WATER METER COUPLINGS	1 1/2" BRASS METER FLANGE	McDONALD*	610F	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	N/A	-
WATER METER COUPLINGS	1 1/2" BRASS METER FLANGE	MIDCO		DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	N/A	-
WATER METER COUPLINGS	1 1/2" BRASS METER FLANGE	WHITE RHINO	TUFF	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	N/A	-
WATER METER COUPLINGS	1 1/2" BRASS METER FLANGE	ACCUCAST	DALLAS	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	N/A	-
WATER METER COUPLINGS	2" BRASS METER FLANGE	JAMES JONES*	J129H	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	N/A	-
WATER METER COUPLINGS	2" BRASS METER FLANGE	McDONALD*	610F	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	N/A	-
WATER METER COUPLINGS	2" BRASS METER FLANGE	MIDCO		DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	N/A	-
WATER METER COUPLINGS	2" BRASS METER FLANGE	WHITE RHINO	TUFF	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	N/A	-
WATER METER COUPLINGS	2" BRASS METER FLANGE	ACCUCAST	DALLAS	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	N/A	-

W/M Couplings	Flange Bolts	Manufacturer					
WATER METER COUPLINGS	1 1/2" FLANGE BOLTS		5/8" X 2 1/4" HEXHEAD CAPSCREW, GRADE 2, ZINC PLATED, SAR			AIS Cert. Only	-
WATER METER COUPLINGS	2" FLANGE BOLTS		5/8" X 2 1/4" HEXHEAD CAPSCREW, GRADE 2, ZINC PLATED, SAR			AIS Cert. Only	-

W/M Tubbing	Tubbing	Manufacturer					
WATER METER TUBBING	3/4-INCH TO 2-INCH -SOFT COPPER (TYPE K)						

W/M Couplings	Straight	Manufacturer					
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	FORD	C38-23-2.5	DWU SPECS & PURCHASING DESCRIPTION		N/A	UL
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	McDONALD	4622 DALLAS	DWU SPECS & PURCHASING DESCRIPTION		N/A	TRUESDAIL
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	MUELLER	H-10890	DWU SPECS & PURCHASING DESCRIPTION		N/A	UL
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	CAMBRIDGE	417NL-T3M3	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	McDONALD	74622 DALLAS	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	MUELLER	H-10890E	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	1" BRASS - STRAIGHT	FORD	C38-44-2.625	DWU SPECS & PURCHASING DESCRIPTION		N/A	UL
WATER METER COUPLINGS	1" BRASS - STRAIGHT	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	1" BRASS - STRAIGHT	McDONALD	4624 DALLAS	DWU SPECS & PURCHASING DESCRIPTION		N/A	TRUESDAIL
WATER METER COUPLINGS	1" BRASS - STRAIGHT	MUELLER	H-10890	DWU SPECS & PURCHASING DESCRIPTION		N/A	UL
WATER METER COUPLINGS	1" BRASS - STRAIGHT	CAMBRIDGE	417NL-T4M4	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	1" BRASS - STRAIGHT	McDONALD	74624 DALLAS	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF



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WATER METER COUPLINGS	1" BRASS - STRAIGHT	MUELLER	H-10890E	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
<b>Water Meter Couplings</b>	<b>FIP</b>	<b>Manufacturer</b>					
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	FORD	C14-xx Q	DWU SPECS & PURCHASING DESCRIPTION		N/A	UL
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	McDONALD	4754Q	DWU SPECS & PURCHASING DESCRIPTION		N/A	TRUESDAIL
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	MUELLER	H-15451	DWU SPECS & PURCHASING DESCRIPTION		N/A	UL
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	CAMBRIDGE	117NL-Series	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	McDONALD	74754Q	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	MUELLER	H-15451E	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
<b>Water Meter Couplings</b>	<b>MIP</b>	<b>Manufacturer</b>					
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	FORD	C84-xx-Q SERIES	DWU SPECS & PURCHASING DESCRIPTION		N/A	UL
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	FORD	C84-xx-Q SERIES	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	UL
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	McDONALD	4753Q	DWU SPECS & PURCHASING DESCRIPTION		N/A	TRUESDAIL
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	MUELLER	H-15428	DWU SPECS & PURCHASING DESCRIPTION		N/A	UL
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	CAMBRIDGE	117NL-Series	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	McDONALD	74753Q	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	MUELLER	H-15428E	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	N/A	NSF