

Approved Water Materials

Last Update - 6/5/2020

Material Description	Supplier/Manufacturer	Model	Reference Standards	Comments
All Models applicable to Supplier/Manufacturer				
Polyvinyl Chloride (PVC) Pipe	National Pipe and Plastics	DR-13.5 Pressure Pipe	ASTM D2241 ASTM D1784 ASTM F477 ASTM D3139	Diamond Pipe Not Approved
2-inch	North American			
	John Manville Eagle			
	IPEX			
All Models applicable to Supplier/Manufacturer				
Polyvinyl Chloride (PVC) Pipe	North American	DR-18 Pressure Pipe	AWWA C900/ASTM 1784 ASTM F477 ASTM D3139 ANSI/NSF-61/UL 1285	Diamond Pipe Not Accepted
4-inch through 12-inch	John Manville Eagle			
	National Pipe and Plastic			
	Sanderson Pipe			
Model is Manufacturer Specific				
Ductile Iron Pipe (DIP)	US Pipe	Tyton Joint/TR Flex/Field Lok Gasket	ANSI/AWWA C104/A21.4 ANSI/AWWA C105/A21.5 ANSI/AWWA C110/A21.10 ANSI/AWWA C150/A21.50 ANSI/AWWA C151/A21.51 ANSI/AWWA C153/A21.53 ANSI/AWWA C600 ASTM A674 ANSI/NSF 61 ASTM G62	Pipe and gaskets with embedded grippers shall come from the same manufacturer. Gripper gaskets made by a differing manufacturer will not be accepted.
4-inch through 12-inch	American Cast Iron Pipe Co.	Fastite Joint/Flex Ring/Fast Grip Gasket		
	Clow - A Division of McWane	Tyton Joint/Super Lock/Sure Stop Gasket		
Push-On Joint				
Flexible Restraint Joint				

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Ductile Iron Mechanical Joint Fittings	American Cast Iron Pipe Co.	Pressure Class 350	ANSI/AWWA C104/A21.4 ANSI/AWWA C105/A21.5 ANSI/AWWA C110/A21.10 ANSI/AWWA C111/A21.11 ANSI/AWWA C115/A21.15 ANSI/AWWA C153/A21.53 ASTM A536, GRADE 65-45-12 ASTM C150, TYPE II "PORTLAND"	No Comments.
4-inch through 24-Inch	U.S Pipe			
	Union			
	Star Pipe Products			
	Sigma Corp			
	SIP Industries/Serampore Industries	Fittings and Glands		
	SIP Industries/Serampore Industries	Flanged Ends on Fittings		
	SIP Industries/Serampore Industries	Mechanical Joint Gaskets		
	SIP Industries/Serampore Industries	Fitting cement mortar lining		
	SIP Industries/Serampore Industries	Cement lining material		
	SIP Industries/Serampore Industries	Lining Thickness (2"-3" Single, Sizes 4"-64" Double)		
	SIP Industries/Serampore Industries	Fitting seal coat, in and out-bituminous asphaltic paint		
		Model is Manufacturer Specific		
Wedge Action Retainer Glands - DIP	EBAA Iron	Series 1100/1700 MEGALUG	ANSI/AWWA C110/A21.10 ASTM A536 AWWA C600	No Comments.
	Star Pipe Products	StarGrip Series 3000		
	Sigma Corp	One-Lok D-SLDE		
Wedge Action Retainer Glands - PVC	EBAA Iron	Series 2000PV/1600 MEGALUG	ANSI/AWWA C110/A21.10 ASTM A536 AWWA C600	No Comments.
	Star Pipe Products	PVC StarGrip Series 4000		
	Sigma Corp	One-Lok D-SLCE		
		Model is Manufacturer Specific		
Fire Hydrants	American Flow Control	American MK 73-5/MK 73-5 w/ Alpha Base	AWWA C502 ASTM A307 ASTMA354 NSF/ANSI 61	Shall be factory coated yellow. Complete field painting of new hydrants will not be accepted. (applicable to all hydrants)
	Mueller Company	Super Centurion		
	Clow Valve Co	Medallion		

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Resilient-Seated Gate Valves	Mueller Company (3"-12")	A-2361-23	ANSI/AWWA C-515 ANSI/AWWA C-509 ANSI/AWWA C111 ANSI/AWWA C550 ANSI/NSF 61	No Comments.
	Mueller Company (2"-12")	A-2362-23		
	American Flow Control	Series 2500/Series 2500 alpha		
	Approved Equal			
		Model is Manufacturer Specific		
Tapping Valves	American Flow Control	Series 2500	ANSI/AWWA C-509 ANSI/AWWA C111 ANSI/AWWA C550 ANSI/NSF 61	No Comments.
	Mueller Company (3"-12")	T-2361-19		
	Mueller Company (2"-12")	T-2362-19		
	Approved Equal			
		Model is Manufacturer Specific		
Gate Valve Boxes (4-inch to 12-inch)	Tyler / Union	Tyler 562-S	H-20 Load Rated	Model may differ based upon depth of bury. The Contractor shall confirm prior to ordering. (Model Tyler 562-S) 2-Piece screw type only 5 1/4-inch Shaft, Screw Type (Model Tyler 6850)
4-inch through 12-inch valves	Tyler / Union	Tyler 6850 , cast iron two piece		
	East Jordan Iron Works	Series 8550		
	Sigma Corp	VB26025		
		Model is Manufacturer Specific		
Tapping Sleeves (DIP, PVC, ACP, CIP, Steel)	Smith-Blair	Series 665	AWWA C223 ANSI/NSF 61 AWWA C228/ANSI 150#	No Comments.
	Romac Industries	SST		
	Ford Meter Box Co	FAST SS		
		Model is Manufacturer Specific		
Sleeve Type, Flexible Couplings	Hymax	Hymax Coupling	AWWA C219 NSF 61 NSF 372	No Comments.
	Smith-Blair	Series 411		
		Model is Manufacturer Specific		
Restraint Joint Couplings	Romac Industries	Alpha Restraint Coupling	ASTM 1 536 NSF 61	No Comments.
	Approved Equal			
		Model is Manufacturer Specific		
Repair Clamps	Smith-Blair	Style 226	AWWA C800 ASTM A536 NSF 61	No Comments.
	Dresser Industries	Style 360		
	Ford Meter Box Co	Style F1		
		Model is Manufacturer Specific		
Air Release Valves	ValMatic	Model 38	ASTM A126 Class B AWWA C512 NSF/ANSI 372 NSF/ANSI 61	No Comments.
	Approved Equal			
		Model is Manufacturer Specific		
Service Saddles	Romac Industries	202S	ASTM A536 AWWA C213 NSF/ANSI 61 AWWA C800	No Comments.
	Mueller Company	DR2S		
	Smith-Blair	317		
	Approved Equal			

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Brass Fittings			ANSI/AWWA C800 ASTM B62 (85-5-5-5) ANSI/NSF 372, 61 EPA Lead & Copper Rule	No Comments.
90° Bends	Merit Brass	NL101-32		
	Ford	L77-77NL		
	AY McDonald	74761-44		
	Approved Equal	IPS Comp x IPS Comp		
45° Bends	Merit Brass	NL102-32		
	Approved Equal	FPT x FPT w/ MPT x IPS Comp Adapters		
		Model is Manufacturer Specific		
Corporation Stops			ANSI/AWWA C800 ASTM B62 (85-5-5-5) ANSI/NSF 372, 61 EPA Lead & Copper Rule	No Comments.
3/4-inch Though 2-inch	Mueller Company	B-25008N		
	Ford Meter Box Co	FB1000		
		Model is Manufacturer Specific		
Y Branch Connections	Mueller Company	H-15343N	ANSI/AWWA C800 ASTM B62 (85-5-5-5) ANSI/NSF 372, 61 EPA Lead & Copper Rule	No Comments.
3/4-inch x 1-inch	Approved Equal			
		Model is Manufacturer Specific		
Yoke Assembly			ANSI/AWWA C800 ASTM B62 (85-5-5-5)	No Comments.
3/4-inch	Mueller Company	H5020		
	AY McDonald	14-2		
	Ford Meter Box Co	Y502NL		
1-inch	Mueller Company	H5040		
	AY McDonald	714-4		
	Ford Meter Box Co	Y504NL		
		Model is Manufacturer Specific		
Copper Setters			ANSI/AWWA C800 ASTM B62 (85-5-5-5)	No Comments.
1.5-inch	Ford Meter Box Co	VBB7615B1166		
	AY McDonald	20B615WWFF665		
2-inch	Ford Meter Box Co	VBB7715B1177		
	Ford Meter Box Co	VBB7718HB1177NL		
	AY McDonald	20D715WWFF775		
	AY McDonald	720R718WWF775		

Material Description	Supplier/Manufacturer	Model	Reference Standards	Comments
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Ball Angle Valve & Straight Coupling	Mueller Company	H-14273N/H-14218N	ANSI/AWWA C800 ASTM B62 (85-5-5-5) ANSI/NSF 372, 61 EPA Lead & Copper Rule	Pressure rating of 300psig, Low lead brass (3/4-inch through 1-inch) Pressure rating of 300psig, Low lead brass (1 1/2-inch through 2-inch) Supplied with same manufacture of copper setters and approved by Water Resources Engineering Manager (1.5-inch through 1-inch)
3/4-inch through 1-inch (Reduced Port)	Mueller Company	B24273R		
3/4-inch through 1-inch (Full Port)	Mueller Company	B24273		
1 1/2-inch through 2-inch (Meter Flange Connection)	Mueller Company	B24276		
3/4-inch through 1-inch	Ford Meter Box Co	AV-94		
1.5-inch through 2-inch				
		Model is Manufacturer Specific		
Dual Inline Check Valves			ANSI/AWWA C800 ASSE 1024 CSA B64.6 ASTM B62 (85-5-5-5) ANSI/NSF 372, 61 EPA Lead & Copper Rule	No Comments. Supplied with same manufacture of copper setters and approved by Water Resources Engineering Manager (1.5-inch through 1-inch)
3/4-inch through 1-inch	Mueller	H-14247		
	Ford	HHS 91		
	AY McDonald	711 Series		
1.5-inch through 2-inch				
		Model is Manufacturer Specific		
Reduced Pressure Detector Assembly (RPZ)			ASSE (Listed 1047) AWWA (C550) ASTM A 276	No Comments.
1-inch through 2-inch	Zurn Wilkins	375XL (1-inch to 2-inch)		
3-inch through 10-inch	Zurn Wilkins	375ASTDAR (3-inch to 10-inch)		
2-inch through 3-inch	Watts	Model 009		
4-inch through 10-inch	Watts	Model 957		
		Model is Manufacturer Specific		
Backflow Enclosures				No Comments.
1/2-inch through 1-inch	BFProducts, Inc.	Fiberglass Enclosure 271-APD		
2 1/2-inch through 4-inch	BFProducts, Inc.	Fiberglass Enclosure 65-APD		
6-inch through 8-inch	BFProducts, Inc.	Fiberglass Enclosure 98-APD		
		Model is Manufacturer Specific		
Water Meters			ANSI/AWWA C700 NSF/ANSI 61	Supplied by City of Monroe (3/4-inch through 1-inch) Approved equal is not considered
3/4-inch through 1-inch				
1.5-inch through 2-inch	Badger Meter	E-Series Stainless Steel Ultrasonic Meter with 100W ERT		
2-inch through 8-inch	Master Meter	Octave Ultrasonic Meter with 100W ERT (by others)		

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Water Meter Boxes			H-20 Load Rated	"City of Monroe" and "Water" to be inscribed on lid. No locking mechanism.
3/4-inch through 2-inch	DFW	DFW37C		
	Highline Products	CHA 24-36-24 W/ CAST IRON LID		
3/4-inch Box	TriCast MS/Oldcastle	11182010		
1-inch Box	TriCast MS/Oldcastle	13242036		
Lid	TriCast MS/Oldcastle	FL12 Fibrelyte 1118 #02001374		
Lid	TriCast MS/Oldcastle	FL30 Fibrelyte 1324 #02500760		
	Approved Equal			