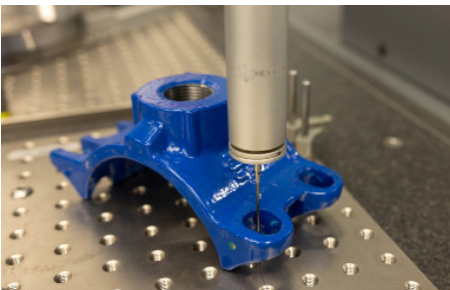
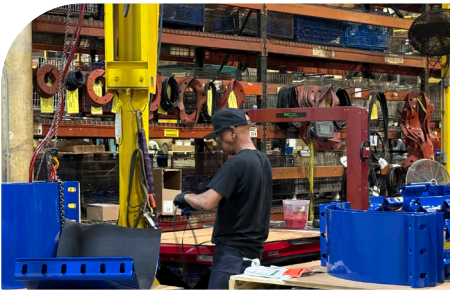


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# Smith-Blair Water Products

Quick Catalog: Reliable pipe repair, joining, and tapping solutions



 *Smith-Blair*  
xylem

# DEPENDABLE *under* PRESSURE



A 36 inch Smith-Blair repair clamp being installed on a 54-year-old cast iron transmission main providing water service to 260,000 residents in South Texas.



A custom Smith-Blair 624 MJ tapping sleeves that accommodates a 5/8" out-of-round variance on 30-year-old ductile iron pipe in Florida.



Multiple 36 inch Flanged Coupling Adapters (FCAs) in Central Florida designed to provide an efficient means to remove and reinstall pumps, valves and other fittings.



A crew in Michigan uses a Smith-Blair 431 RazorLock wide range coupling to cut in one new valve and replace a hydrant.

Our products are engineered to perform reliably in the toughest conditions. Every fitting, coupling, and adapter delivers the performance you need. We understand the pressure you face because we've worked alongside crews in trenches, on tight timelines, and through challenging conditions. Our goal is to engineer solutions that work, delivered when you need them, backed by a team that understands what's at stake. Communities continue receiving essential water services because the infrastructure you maintain, supported by the products we provide, performs reliably under pressure.

**Customer Service Hours** **Monday-Friday 7 a.m. to 5 p.m. CST**

Phone: 800-643-9705

[xylem.com/smith-blair](http://xylem.com/smith-blair)

Orders: [insidesales@xylem.com](mailto:insidesales@xylem.com)

Quotes: [quotes@xylem.com](mailto:quotes@xylem.com)

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## HDPE Pipe Guide

Please visit the Resources section on our website at [xylem.com/smith-blair](http://xylem.com/smith-blair) to view the High Density Polyethylene Pipe (HDPE) guide with more specific information on how to use our products on HDPE pipe.

## Expansion Joint and Tapping Sleeve Guide

Please visit the Resources section on our website at [xylem.com/smith-blair](http://xylem.com/smith-blair) to view the Expansion Joints and Tapping Sleeve guide with more specific information on these products.

## Disclaimer

The purpose of the Quick Catalog is to promote general awareness of Xylem's Smith-Blair products and services. Please refer to Xylem's website ([xylem.com/smith-blair](http://xylem.com/smith-blair)) for product capabilities information and technical information including product specifications, installation instructions, submittal information, and product warnings and notices. For some products, suitable anchorage (restraint) must be provided when pipe movement in the fitting can occur. Not all pipe sizes and wall thicknesses are accommodated within one product style. Not all pipe sizes and pipe types are accommodated by any one product line. Not all pipe sizes and pipe types meet the pressure ratings listed in the tables. Higher working pressure design may be available for products. You can call Smith-Blair Customer Service at 800-643-9705 for applications not in this guide (i.e. high pressure or larger sizes than listed).

# BABA/AIS Compliance

Build America, Buy America Act  
American Iron and Steel



The American Iron and Steel (AIS) provision, established under the 2014 Consolidated Appropriations Act, and the Build America, Buy America Act (BABA), part of the Infrastructure Investment and Jobs Act signed in 2021, establish rules on where and how products must be manufactured for federally-funded infrastructure projects.

## What these requirements mean:

AIS requires all iron and steel products used in EPA-funded water infrastructure projects be produced entirely in the United States. BABA expanded these requirements to nearly all federally-funded infrastructure projects, covering iron and steel, construction materials, and manufactured products.

According to the Department of Energy, compliance means "all iron and steel used in the project is produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States."

## Our compliance:

We manufacture all of our products in Texarkana, Arkansas, and offer many BABA/AIS compliant solutions. Please scan the QR code on this page, or visit [www.xylem.com/smith-blair](http://www.xylem.com/smith-blair) to view our list of compliant standard products and alternative items. Certification is available upon request after order shipment. Pre-certification is available at time of quotation.

**When ordering or requesting a quote, you must specify whether BABA or AIS certification is needed.**

This overview is informational only and should not be considered legal guidance. For any project, consult directly with the assigned Procurement Officer to identify which regulatory requirements apply and to clarify any questions about contract compliance obligations.



# 200 Series

## Repair Clamps and Bell Joint Leak Clamps



### 200 Series Repair Clamps

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 226	Full Circle Clamp, Single Band, Ductile Iron Lug	<b>Repairing Joining</b>	Repair complete breaks, splits, holes in pipe	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	2" thru 14" Larger sizes available	Up to 300 PSI
 227	Full Circle Clamp, Double Band, Ductile Iron Lug	<b>Repairing Joining</b>	Repair complete breaks, splits, holes in pipe	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	3" thru 12" Larger sizes available	Up to 175 PSI
 228	Full Circle Clamp, Multi-Band, Ductile Iron Lug	<b>Repairing Joining</b>	Repair complete breaks, splits, holes in pipe	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	14" and larger	Up to 125 PSI
 229	Full Circle Collar-Leak Clamp, Ductile Iron Lug	<b>Repairing</b>	Repair leaking plastic solvent weld belled end pipe	Class 160 PVC Solvent Weld Bells	2" thru 12"	Up to 150 PSI
 238	Full Circle Clamp, Double Band, Ductile Iron Lug Tapped	<b>Repairing Tapping</b>	Repair leaks at service outlet. Outlet sizes 3/4" thru 2"	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	3" thru 12"	Up to 300 PSI
 239	Full Circle Clamp, Double Band, Ductile Iron Lug Tapped	<b>Repairing Tapping</b>	Repair leaks at service outlet Outlet sizes 3/4" thru 2"	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	4" thru 12"	Up to 175 PSI
 244	Full Circle Redi-Clamp Ductile Iron Lug	<b>Joining Repairing</b>	Repair pin hole leaks, punctures, splits and full breaks	PVC, Copper, Steel, HDPE*	1/2" thru 2"	Up to 150 PSI






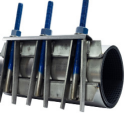
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# 200 Series Repair Clamps

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 245	Redi-Clamp Ductile Iron Lug	<b>Repairing</b>	Repair pin hole leaks, punctures; splits in pipe	PVC, Copper, Steel, Ductile Iron, HDPE*	1/2" thru 12"	Up to 150 PSI
 247	Full Circle Redi-Clamp, Cast Stainless Steel Lug	<b>Repairing Joining</b>	Repair pin hole leaks, punctures, splits and full breaks	PVC, Copper, Steel, HDPE*	1/2" thru 2"	Up to 150 PSI
 248	Redi-Clamp, Cast Stainless Steel Lug	<b>Repairing</b>	Repair pin hole leaks and punctures; splits in pipe	PVC, Copper, Steel, Ductile Iron, HDPE*	1/2" thru 12"	Up to 150 PSI
 256	Full Circle Clamp, Single Band, Cast Stainless Steel Lug	<b>Repairing Joining</b>	Repair complete breaks, splits, holes in pipe	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	2" thru 12"	Up to 300 PSI
 257	Full Circle Clamp, Double Band, Cast Stainless Steel Lug	<b>Repairing Joining</b>	Repair complete breaks, splits, holes in pipe	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	4" thru 12"	Up to 175 PSI
 261	Full Circle Clamp, Single Band, Fabricated Stainless Steel Lug	<b>Repairing Joining</b>	Repair complete breaks, splits, holes in pipe	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	2" thru 12"	Up to 150 PSI
 262	Full Circle Clamp, Double Band, Fabricated Stainless Steel Lug	<b>Repairing Joining</b>	Repair complete breaks, splits, holes in pipe	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	3" thru 12"	Up to 175 PSI


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# 200 Series Repair Clamps







Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure
 264	Full Circle Clamp, Single Band, Fabricated Stainless Steel	<b>Repairing Tapping</b> Repair leaks at service outlet. Outlet sizes 3/4" thru 2"	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	3" thru 8"	Up to 300 PSI
 265	Full Circle Clamp, Double Band, Fabricated Stainless Steel, Tapped	<b>Repairing Tapping</b> Repair leaks at service outlet. Outlet sizes 3/4" thru 2"	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	4" thru 12"	Up to 175 PSI
 267	Full Circle Clamp, Carbon Steel (Optional Stainless Steel)	<b>Repairing</b> High pressure Not for full break	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	4" and Larger	4"-14" Up to 300 PSI 16"-24" Up to 200 PSI
 268	Full Circle Clamp, All Stainless Steel	<b>Repairing</b> High pressure Not for full break	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	4" and Larger	4"-12" Up to 200 PSI 14"-16" Up to 150 PSI 18"-24" Up to 100 PSI
 269	Full Circle Collar Leak Clamp, Fabricated Stainless Steel Lugs	<b>Repairing</b> Repair leaking plastic solvent weld belled end pipe	Class 160 PVC Solvent Weld Bells	2" thru 12"	Up to 150 PSI
 281	Wide Range Full Circle Clamp, Fabricated Stainless Steel	<b>Repairing Joining</b> Repair leaks due to complete breaks, splits, or holes	Carbon Steel, Stainless Steel, Ductile Iron, PVC, Asbestos Cement, Other	3" to 12"	Up to 150 PSI

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## 200 Series Bell Joint Products

Product	Description	Application		Type of Pipe	Nom Pipe Sizes	Working Pressure
 274	Bell Joint Leak Clamp	<b>Repairing</b>	Repair leaking bell joints	PVC, Ductile Iron, Cast Iron, Rubber Ring and Caulk Joint	2" thru 36" Larger sizes available	150 PSI

## 300 Series Service Saddles

Product	Description	Application	Outlet Sizes	Type of Pipe	Nom Pipe Sizes	Working Pressure
 311	Service Saddle, Ductile Iron, Single Bale	<b>Tapping</b>	5/8" thru 2"	Steel, Cast Iron, Asbestos Cement, Ductile Iron	1" thru 14"	2"-12" 350 PSI  14"-24" 250 PSI
 313	Service Saddle, Ductile Iron, Double Bale	<b>Tapping</b>	5/8" thru 4"	Steel, Cast Iron, Asbestos Cement, Ductile Iron	1 1/4" thru 24"	2"-12" 350 PSI  14"-24" 250 PSI
 315	Service Saddle Ductile Iron, Stainless Steel Strap	<b>Tapping</b>	5/8" thru 2"	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	1" thru 14"	2"-12" 350 PSI  14"-24" 250 PSI
 317	Service Saddle Ductile Iron, Stainless Steel Double Strap	<b>Tapping</b>	5/8" thru 4"	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	1 1/4" thru 24"	2"-12" 350 PSI  14"-24" 250 PSI
 325	Service Saddle, Bronze/Brass, Wide Stainless Steel Strap	<b>Tapping</b>	3/4" thru 2"	PVC, Cast Iron, Steel, Ductile Iron	4" thru 12"	Up to 150 PSI
 331	Repair Service Saddle, Ductile Iron, Double Bale	<b>Tapping Repairing</b>	5/8" thru 2"	Steel, Ductile Iron, Cast Iron and Asbestos Cement	4" thru 12"	Up to 200 PSI




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# 300 Series Service Saddles

Product	Description	Application	Outlet Sizes	Type of Pipe	Nom Pipe Sizes	Working Pressure
 357	Service Saddle Ductile Iron, Stainless Steel Double Strap	<b>Tapping</b>	3" and 4" NPT	PVC, Cast Iron, Steel	6" thru 12"	150 PSI
 362	Service Saddle Double Strap	<b>Tapping</b>	3/4" thru 2"	Concrete Steel Cylinder	12" thru 36"	Up to 150 PSI
 366	Service Saddle Triple Strap	<b>Tapping</b>	3/4" thru 2 1/2"	Steel, Cast Iron, PVC, Asbestos Cement, Ductile Iron, Other	18" thru 40"	Up to 150 PSI
 372	Service Saddle All Stainless Steel, Double	<b>Tapping</b>	1/2" thru 2"	Steel, Cast Iron, PVC, Asbestos Cement, Ductile Iron, HDPE*, Other	4" thru 16" Larger sizes available	Up to 150 PSI
 377	Wide Range Service Saddle, All Stainless Steel, Double	<b>Tapping</b>	1/2" thru 2"	Carbon Steel, Stainless Steel, Ductile Iron, PVC, HDPE*, Asbestos Cement, Other	4" thru 12" Larger sizes available	Up to 150 PSI


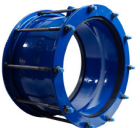


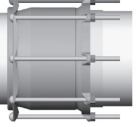

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## 300 Series Service Saddles

Product	Description	Application	Outlet Sizes	Type of Pipe	Nom Pipe Sizes	Working Pressure
 383	Service Saddle, Carbon Steel Double Bale, Fabricated	Tapping	1/2" thru 4"	PVC, Carbon Steel, Stainless Steel, Ductile Iron, Asbestos Cement, Aluminum, HDPE*	6" thru 48" Larger sizes available	6"-12" 250 PSI 14"-24" 175 PSI 30"-48" 80 PSI
 387	Service Saddle Carbon Steel Double Bale, Fabricated	Tapping	1/2" thru 4"	PVC, Carbon Steel, Stainless Steel, Ductile Iron, Asbestos Cement, Aluminum, HDPE*	6" thru 48" Larger sizes available	6"-12" 250 PSI 14"-24" 175 PSI 30"-48" 80 PSI
 397	Service Saddle, Ductile Iron Wide Stainless Steel Strap	Tapping	3/4" thru 2"	PVC Ductile Iron, HDPE*	2" thru 12"	Up to 300 PSI




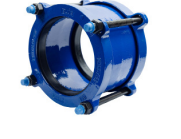

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## 400 Series Couplings

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure
 411	Steel Fabricated Coupling	<b>Joining Repairing</b>	Join plain-end pipe of same outside diameters	Steel, Cast Iron, Asbestos Cement, PVC, HDPE*, Other	1/2"-16" 300 PSI  18"- 36" 250 PSI  42" & larger Based on application
 413	Steel Transition Coupling	<b>Joining Repairing</b>	Join pipe of different outside diameters within the same nominal size	Steel, Cast Iron, Asbestos Cement, PVC, HDPE*, Other	2" and larger  150 PSI plus (according to design)
 415	Steel Reducing Coupling	<b>Joining Repairing</b>	Join pipe of different outside diameters	Steel, Cast Iron, Asbestos Cement, PVC, HDPE*, Other	4" and larger  150 PSI plus (according to design)
 416	Steel Insulating Coupling	<b>Joining</b>	Join plain-end pipe of same outside diameters, insulating one from the other	Steel, Cast Iron	2" and larger  150 PSI
 417	Steel Insulating Coupling	<b>Joining</b>	Join plain-end pipe of different outside diameters	Carbon Steel, Stainless Steel, Cast Iron	2" and larger  150 PSI
 418	Bolted Tee Coupling with threaded outlet	<b>Joining Repairing Tapping</b>	Join plain-end pipe of same outside diameters  Tap Outlet sizes 3/4" thru 2"	Steel, PVC, Cast Iron	3/4" thru 2"  150 PSI

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# 400 Series Couplings

Product	Description		Application	Type of Pipe	Nom Pipe Sizes	Working Pressure
 421	Top Bolt Wide Range, 2 Bolt Coupling	<b>Joining Repairing</b>	Join a wide range of pipe diameters	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	2" thru 24"	2"-16", 18", 20" 260 PSI  16" OS, 24" (DIPS), 24" OS 232 PSI  24" (IPS) 150 PSI
 422	Top Bolt Wide Range, 2 Bolt Coupling, Long Sleeve	<b>Joining Repairing</b>	Join a wide range of pipe diameters	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	2" thru 24"	2"-16", 18", 20" 260 PSI  16" OS, 24" (DIPS), 24" OS 232 PSI  24" (IPS) 150 PSI
 431	RazorLock Wide Range, 2 Bolt, Cast, Restraint Coupling	<b>Joining Repairing Restraining</b>	Join and restrain plain-end pipe of the same nominal pipe size.	Carbon Steel, Cast Iron, Ductile Iron, PVC (SDR 26 min. thickness), PVC (CIOD PC235 min. thickness), MDPE, HDPE*	4" & 6"	250 PSI
 441	OMNI Cast Coupling	<b>Joining Repairing</b>	Join plain-end pipe of same nominal size	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	Straight: 2" thru 16" Reducing: 2 1/2" thru 8"	250 PSI
 442	OMNI Cast Coupling 12" Long Sleeves	<b>Joining Repairing</b>	Join plain-end pipe of same nominal size	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, HDPE*, Other	4" thru 16"	250 PSI



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# 400 Series Couplings


Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 461	Quantum Wide Range, Cast, Coupling	<b>Joining Repairing</b>	Join plain-end pipe of same nominal size	Ductile Iron, Steel, Asbestos Cement, PVC, HDPE*, Other	1 1/2" thru 12"	250 PSI
 462	Quantum Wide Range, Cast, Coupling Long Sleeve	<b>Joining Repairing</b>	Join plain-end pipe of same nominal size	Ductile Iron, Steel, Asbestos Cement, PVC, HDPE*, Other	4" thru 12"	250 PSI
 471	Pipe-Lock Joint Restraint Coupling	<b>Joining Restraining</b>	Join and restrain plain-end pipe of same outside diameter	Ductile Iron, Steel	3" thru 48" DI Sized 3" thru 12" IPS Sized	3" - 16" 350 PSI
 472	Pipe-Lock Joint Restraint Coupling	<b>Joining Restraining</b>	Join and restrain plain-end pipe of same outside diameter	PVC	4" thru 36" DI Sized 3" thru 12" IPS Sized	18" - 24" 250 PSI 30" & 36" 225 PSI
 473	Pipe-Lock Joint Restraint Coupling	<b>Joining Restraining</b>	Join and restrain plain-end pipe of different outside diameters within the same nominal size	PVC x Ductile Iron PVC x Steel	3" thru 36" PVC 3" thru 36" Ductile Iron 3" thru 12" IPS Steel	42" 160 PSI 48" 140 PSI
 477	Pipe-Lock Coupling Sleeve Weldment Only	<b>Joining</b>	MJ coupling sleeve used to join plain-end pipe	PVC, Ductile Iron & Steel	3" thru 48"	3" - 16" 350 PSI 18" - 24" 250 PSI 30" & 36" 225 PSI 42" 160 PSI 48" 140 PSI

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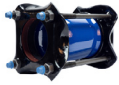

## 400 Series Line Caps

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 481	Steel End Cap Seal Only	<b>Capping</b>	Cap pipe ends	Cast Iron, PVC, Steel, Asbestos Cement, Ductile Iron	2" and larger	150 PSI
 482	Cast Line Cap Seal Only	<b>Capping</b>	Cap pipe ends	Cast Iron, PVC, Steel, Asbestos Cement, Ductile Iron	2" thru 12"	250 PSI

## 525 Series Compression Coupling


Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 525	Compression Coupling	<b>Joining Repairing</b>	Join plain-end pipe of same nominal size	PVC, Copper, Steel	1/2" thru 2"	150 PSI

## EZW Series Couplings

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 Maxi-Grip EZWS/EZWR	Restraint Coupling	<b>Joining Restraining</b>	Join and restrain plain-end pipe of same or different nominal size	PVC, Steel, HDPE*	2" thru 12" IPS	Lesser of 300 psi or pipe rating
 Maxi-Grip EZWF	Restraint Flanged Coupling Adapter	<b>Joining Restraining</b>	Join and restrain plain-end pipe to flanged pipe	PVC, Steel, HDPE*	2" thru 12" IPS	175 PSI

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## EZW Series Line Cap

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 Maxi-Grip EZWC	Restraint Line Cap	<b>Capping Restraining</b>	Seal and restrain pipe end	PVC, Steel, HDPE*	2" thru 12" IPS	Lesser of 300 psi or pipe rating

# 600 Series



Tapping Sleeves, Line Stops, & Expansion Joints





## 600 Series Tapping Sleeves

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure
 622	Tapping Sleeve Carbon Steel and Optional Stainless Steel	<b>Tapping</b>	4" and larger Flange  3/4"-6" Threaded Outlet	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	4" and larger  Up to 175 PSI
 623	Tapping Sleeve Carbon Steel	<b>Tapping</b>	4" and larger Flange  3/4"-6" Threaded Outlet	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	4"-12" Flanges 175 PSI Greater than 12" Flanges 150 PSI
 624	Tapping Sleeve Carbon Steel Mechanical Joint	<b>Tapping</b>	4" and larger Flange  3/4"-6" Threaded Outlet	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	4"-12" Flanges 175 PSI Greater than 12" Flanges 150 PSI
 625	Tapping Sleeve for Concrete Steel Cylinder Pipe	<b>Tapping</b>	4" and larger Flange  3/4"-6" Threaded Outlet	Concrete Steel Cylinder	12" and larger  Up to 175 PSI
 626	Tapping Sleeve Fabricated Weld-On	<b>Tapping</b>	Outlet sizes 4" thru 12"	Carbon Steel, Stainless Steel	3" and larger  Up to 150 PSI
 627	Tapping Sleeve Fabricated Weld-On	<b>Tapping</b>	Outlet sizes 4" thru 12"	Carbon Steel, Stainless Steel	3" and larger  Up to 150 PSI
 662	Tapping Sleeve Stainless Steel, Epoxy Coated Carbon Steel Flange	<b>Tapping</b>	Outlet sizes 4" thru 12"	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	4"-12" 240 PSI 14"-20" 180 PSI 24" 120 PSI

## 600 Series Tapping Sleeves

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 663	Tapping Sleeve All Stainless Steel	<b>Tapping</b>	Outlet sizes 4" thru 12"	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	4" thru 24"	4"-12" 240 PSI 14"-20" 180 PSI 24" 120 PSI
 664	Tapping Sleeve Stainless Steel, Epoxy Coated Carbon Steel Flange	<b>Tapping</b>	Outlet sizes 4" thru 12"	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	4" thru 24"	4"-12": 150 PSI 14": 140 PSI 16": 125 PSI 18"- 20": 100 PSI 24": 75 PSI
 665	Tapping Sleeve All Stainless Steel	<b>Tapping</b>	Outlet sizes 4" thru 12"	Steel, Cast Iron, Asbestos Cement, PVC, Ductile Iron, Other	4" thru 24"	4"-12": 150 PSI 14": 140 PSI 16": 125 PSI 18"- 20": 100 PSI 24": 75 PSI
 68X	Line Stop Outlet (Pin Plug)	<b>Line Stopping Plugging</b>	Available on any style Tapping Sleeve	See type and size of tapping sleeve	Pipe Size(s): 4" and Larger  Outlet(s): 4" thru 24"	Maximum rating of tapping sleeve up to 150 PSI
 MJ	MJ Outlet	<b>Tapping</b>	Taps utilizing standard MJ valve. Available on any style tapping sleeve.	See type and size of tapping sleeve	See type and size of tapping sleeve	See Type and Size of Tapping Sleeve

## 600 Series Expansion Joints

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 611	Steel expansion joint coupling	<b>Joining</b>	Absorb concentrated pipe movement	Carbon Steel, Stainless Steel, Cast Iron	2" thru 36" Larger sizes available	150 PSI
 612	Steel double-end expansion joint	<b>Joining</b>	Absorb concentrated pipe movement	Carbon Steel, Stainless Steel, Cast Iron	2" thru 36" Larger sizes available	150 PSI

# Quick Ship

## Tapping Sleeve Program



## Need tapping sleeves fast? We've got you covered.

When your customers come to you needing a tapping sleeve, whether they're extending service to a new development, relocating a fire hydrant, improving a distribution loop, or making a planned tie-in, they may need it fast. Our Quick Ship program means you don't have to tell them to wait. With same day or next day shipment on Styles 622, 662, 663, 664, and 665, you can ship directly to their job site or bring it into your own stock.

### How to order:

- Mark your order "Quick Ship"
- Submit by 11 a.m. CST

### Things to remember:

- Items may ship to your stock or direct to your customer
- Standard shipping terms apply
- Emergency orders are handled separately. Call us directly at 800-643-9705 for emergency orders.



Same Day Shipment 663 & 665 Tapping Sleeves	
Pipe sizes	4" – 24" (catalog nominal)
Outlet sizes	Standard flange 4" – 12"
Max order	2 per customer/location
Order by	11:00 a.m. CST

Next Day Shipment 622, 662 & 664 Tapping Sleeves	
Pipe sizes	4" – 24" (catalog nominal)
Outlet sizes	Standard flange 4" – 12"
Max order	2 per customer/location
Order by	11:00 a.m. CST


**Important notes about Quick Ship orders:** 622, 662, and 664 Tapping Sleeves cannot be combined with 663 and 665 Tapping Sleeves for these special orders. Large size sleeves will not ship in a crate. Qualified orders received after 11 a.m. CST will be scheduled for shipment on the following working day. The terms of this program are subject to change without notice.



# 700 Series

## Flanged Spools

## 700 Series Flanged Spools





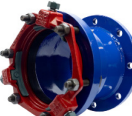

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 700	Flanged Spool	<b>Tapping, Joining</b>	Join flanged end pipe and fittings or install pipeline appurtenances (i.e., meters, sensors, relief valves, etc.)	Flanged Pipe Ends	2" and larger	2"-12" 175 PSI 14" and larger 150 PSI

# 900 Series

Flanged Coupling Adapters, Meter Couplings,  
& Dismantling Joints


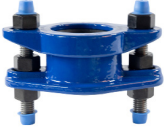




## 900 Series Flanged Coupling Adapters

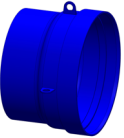
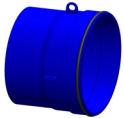
Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 911	Flange-Lock Flange Coupling Adapter	<b>Joining Restraining</b>	Join and restrain plain-end pipe to flanged valve or fittings	Ductile Iron, Steel	3" thru 48" Ductile Iron 3" thru 12" IPS Steel	3"-12" Flange 175 PSI Greater than 14" Flange 150 PSI
 912	Cast Flanged Coupling Adapter	<b>Repairing Joining</b>	Join plain-end pipe to flanged fittings	All Types	3" thru 12"	250 PSI
 913	Steel Flanged Coupling Adapter	<b>Repairing Joining</b>	Join plain-end pipe to flanged fittings	All Types	3" and larger	3" thru 12" 175 PSI 12" and larger 150 PSI
 914	Reducing Flanged Coupling Adapter	<b>Joining</b>	Join plain-end pipe to flanged fittings	Ductile Iron, Steel, Asbestos Cement, PVC, HDPE*, Other	3" and larger	3" thru 12" 175 PSI 14" and larger 150 PSI
 920	Flange-Lock Flanged Coupling Adapter	<b>Joining Restraining</b>	Join and restrain plain-end pipe to flanged valve or fittings	PVC	3" thru 36"	3" thru 12" 175 PSI 14" and larger 150 PSI
 921	Top Bolt Wide Range Flanged Coupling Adapter	<b>Joining</b>	Join plain-end pipe to flanged valve or fittings	Ductile Iron, Steel Asbestos Cement, PVC, Other	2" thru 24"	2" thru 12" 175 PSI 14" thru 24" 150 PSI

\*Please visit the Resources section on our website at [xylem.com/smith-blair](http://xylem.com/smith-blair) to view the High Density Polyethylene Pipe (HDPE) guide with more specific information on how to use our products on HDPE pipe.

## 900 Series Flanged Coupling Adapters





Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure
 923	Flange-Lock Flanged Coupling Adapter Sleeve	<b>Joining</b>	MJ coupling sleeve used to join plain-end pipe to flanged valve or fitting	PVC, Ductile Iron, Steel	3" thru 48"  3" thru 12" 175 PSI 14" and larger 150 PSI
 926	Meter Coupling	<b>Joining</b>	Join plain-end pipe to oval flanged water meter or to flanged valve and fitting	PVC, Copper, Steel, Cast Iron	1-1/2" thru 2"  175 PSI
 932	Insulating Cast Flanged Coupling Adapter	<b>Joining</b>	Join plain-end pipe to flanged valve fitting	Steel, Cast Iron, Ductile Iron	3" thru 12"  150 PSI
 933	Insulating Steel Flanged Coupling Adapter	<b>Joining</b>	Join plain-end pipe to flanged valve or fitting	Steel, Cast Iron, Ductile Iron, Large Pipe	2" and larger  150 PSI

## 900 Series Concrete Pressure Pipe Adapters

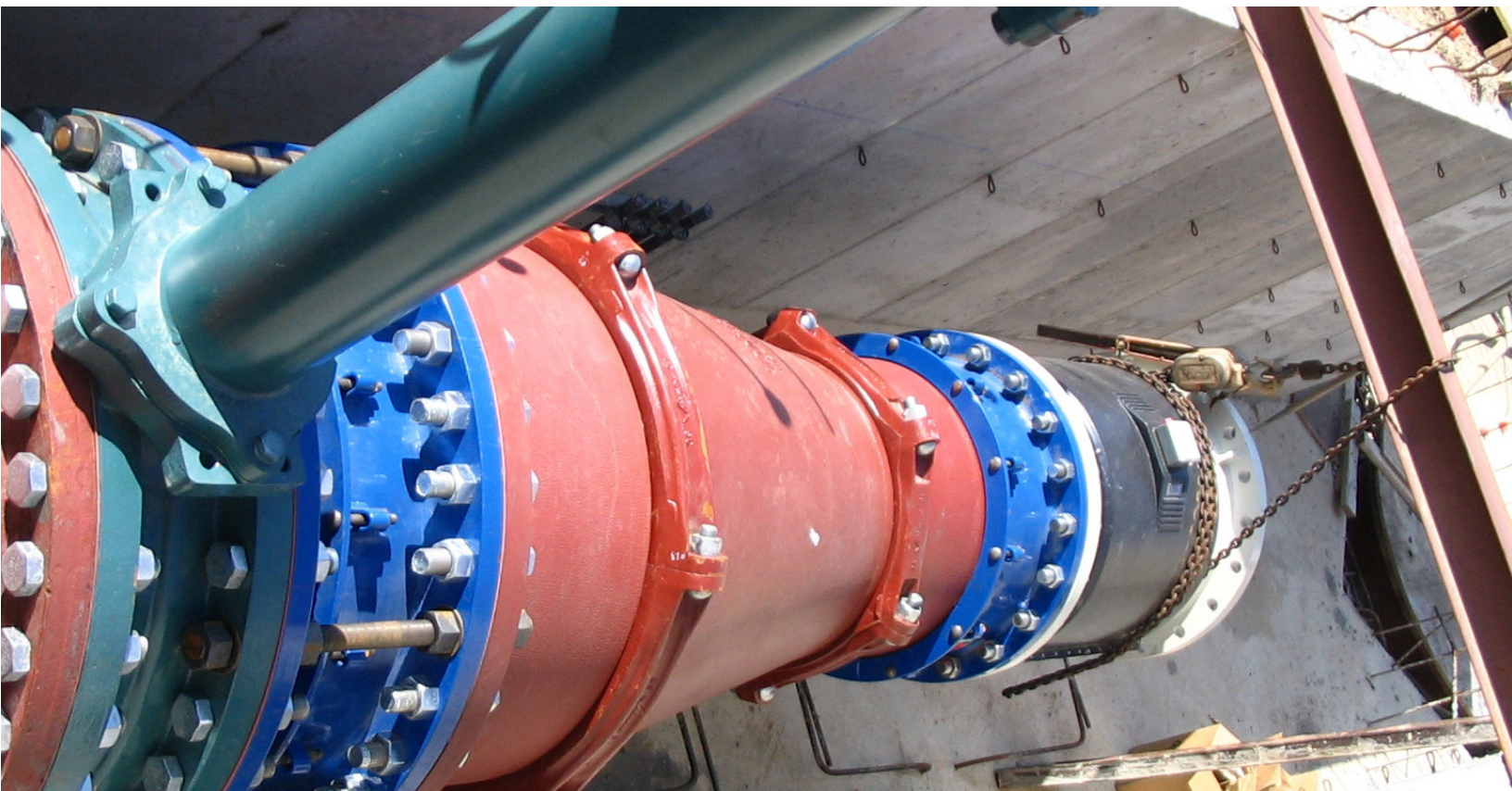
Product	Description	Application	Type of Pipe	CPP Sizes	Working Pressure
 935*	Fabricated Concrete Pressure Pipe Bell Adapter	<b>Joining Repairing</b>	For adapting to a different pipe type by making a gasketed and/or welded connection to a <b>CPP spigot</b>	AWWA C300, AWWA C301, AWWA C302, AWWA C303 See Spec sheet for full details.	14" and larger  Up to 250 PSI
 936*	Fabricated Concrete Pressure Pipe Spigot Adapter	<b>Joining Repairing</b>	For adapting to a different pipe type by making a gasketed and/or welded connection to a <b>CPP bell</b>	AWWA C300, AWWA C301, AWWA C302, AWWA C303 See Spec sheet for full details.	14" and larger  Up to 250 PSI

\*These adapters can come in multiple end configurations including but not limited to Plain End, Coupling End, Flanged End, Male/Female MJ, MJ Restraint. See Spec Sheet for more details.

# 900 Series Dismantling Joints

Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 971	Dismantling Joint (Non-Restraint Joint)	<b>Joining</b>	Valve, meter, pump, and other flanged fitting installations	Any flanged pipe or fittings	3" and larger  12" and larger	3"-12" 175 PSI  150 PSI
 972	Dismantling Joint (Heavy Duty Restraint Joint)	<b>Joining</b>	Valve, meter, pump, and other flanged fitting installations	Any flanged pipe or fittings	3" and larger  12" and larger	3"-12" 175 PSI  150 PSI
 973	Dismantling Joint (Restraint Joint)	<b>Joining</b>	Valve, meter, pump, and other flanged fitting installations	Any flanged pipe or fittings	3" thru 12"	150 PSI
 975	Dismantling Joint (Restraint Joint)	<b>Joining</b>	Valve, meter, pump, and other flanged fitting installations	Any flanged pipe or fittings	3" and larger  12" and larger	3"-12" 175 PSI  150 PSI



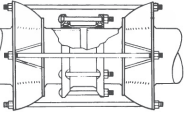

\*Please visit the Resources section on our website at [xylem.com/smith-blair](http://xylem.com/smith-blair) to view the High Density Polyethylene Pipe (HDPE) guide with more specific information on how to use our products on HDPE pipe.



# Other Products

Stiffeners, Restraint Plates, Harness Assembly, and Anchor Studs



Product	Description	Application	Type of Pipe	Nom Pipe Sizes	Working Pressure	
 C	Stainless Steel Pipe Stiffeners	<b>Joining</b>	Pipe stiffener for HDPE* and thin wall pipes	All	All	N/A
 907	Flange x Flange Restraint Plate	<b>Restraining</b>	Restrain flange x flange piping connections	Any Flange x Flange Material	Any size and style of bolted flange	Based on application
 909	AWWA M-11 Style Harness Assembly	<b>Restraining</b>	Restrain steel pipe joints	Steel	6" and larger	Based on application
 Anchor Studs	Fittings with optional anchor studs	<b>Restraining</b>	Restrain couplings and flanged coupling adapters	Steel or Ductile	See specific product for sizes	Based on application

\*Please visit the Resources section on our website at [xylem.com/smith-blair](http://xylem.com/smith-blair) to view the High Density Polyethylene Pipe (HDPE) guide with more specific information on how to use our products on HDPE pipe.

# Engineered Fabrications

Custom Solutions



 *Smith-Blair*  
xylem

## When standard products won't work, we design what will

Not every water infrastructure challenge fits a catalog solution.

When you're facing aging systems, site constraints, distorted pipe, or unique connection requirements, you need a partner who can engineer a custom fitting that works in your specific conditions and deliver it on your timeline. That's where our Engineered Fabrications team comes in.

### **From concept to installation**

We work alongside engineers, superintendents, plant groups, and field crews to solve complex piping challenges that standard products can't address. Whether you're connecting mismatched systems, repairing without service interruption, or adapting to unexpected field conditions, our team designs, fabricates, and delivers custom solutions built to your exact specifications.



Scan the QR code  
to learn more about  
some of the special  
projects we have  
done or visit  
[xylem.com/smith-  
blair](https://xylem.com/smith-blair)



# Partnership from design to delivery

## How we work together on special projects

### Step 1: Define the problem

Tell us what you're facing. Our engineers will ask questions to understand your specific challenge, site constraints, and timeline.

You will need to provide:

- Pipe specifications (material, size, condition)
- Site conditions and constraints
- Pressure requirements
- Timeline and delivery needs
- Any special requirements (domestic, specific coatings, etc.)

We can discuss your project by phone or email, and in some cases, we can send an engineer on-site to gather what we need. If you're not sure about the details, we'll help you figure them out.

### Step 2: Engineer the solution

Our team develops designs that work for your project. Each project is different, but in general, our team will:

- Create fabrication drawings for your review
- Ensure AWWA compliance and proper pressure ratings
- Design for field installation practicality
- Accommodate your specific requirements
- Provide options when multiple approaches are possible

You approve the final design before we begin fabrication.

### Step 3: Fabricate the design

Built in our Texarkana, Arkansas manufacturing facility, your custom fitting is fabricated with the same quality standards we apply to our catalog products:

- Precision welding and fabrication
- Quality inspection
- Testing to verify performance
- Proper coating and protection for your application

From our central location, we ship efficiently across North America.

### Step 4: Deliver and support

Your fabrication arrives on time, ready for installation. We can also:

- Provide installation guidance and technical support
- Assist with field installation when needed
- Answer questions throughout the project

### Emergency situations?

We expedite fabrication and arrange rush delivery to keep your project on track.



## Have a challenge that needs a custom solution?

Let's start the conversation. Our engineering team is ready to listen to your specific situation and develop a solution that works. Whether you need drawings for review, a budget estimate, or immediate emergency fabrication, we're here to help.

**Standard Orders & Inquiries:** 800-643-9705

**After-Hours Emergencies:** 903-277-9398

Email: [info@smith-blair.com](mailto:info@smith-blair.com)

## Free Lunch & Learn Training

Schedule a free training session at your location for your team. We cover pipeline design, fitting selection, fabrication techniques, maintenance procedures, and testing standards from UL, FM, ASTM, and AWWA.

Expand your team's knowledge and stay current on the latest solutions for water infrastructure challenges. To schedule a lunch-n-learn, call us at 800-643-9705 or email [customerservice@xylem.com](mailto:customerservice@xylem.com).



## Emergency After Hours Phone

### We're Here When You Need Us Most

Water emergencies don't wait for business hours. When infrastructure fails, communities depend on you to respond, and you can depend on us to support you. Our emergency team is standing by around the clock, ready to help you identify the right solution, expedite fabrication, and arrange rush delivery, so you can get water systems back online fast.

### Emergency Phone: 903-277-9398

The emergency phone is available during the times listed:

**Weekdays:** 5:00 p.m. – 7:00 a.m. CST

**Weekends:** 24 hours

**Holidays:** 24 hours

**Outside of these times, please call us at 1-800-643-9705.**

#### Have this ready when you call:

- Type of pipe
- Pipe contents
- Working pressure
- Type of damage
- Product needed
- Quantity
- PO Number
- Shipment Method



Xylem's Smith-Blair  
30 Globe Ave.  
Texarkana, AR 71854

[xylem.com/smith-blair](http://xylem.com/smith-blair)

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