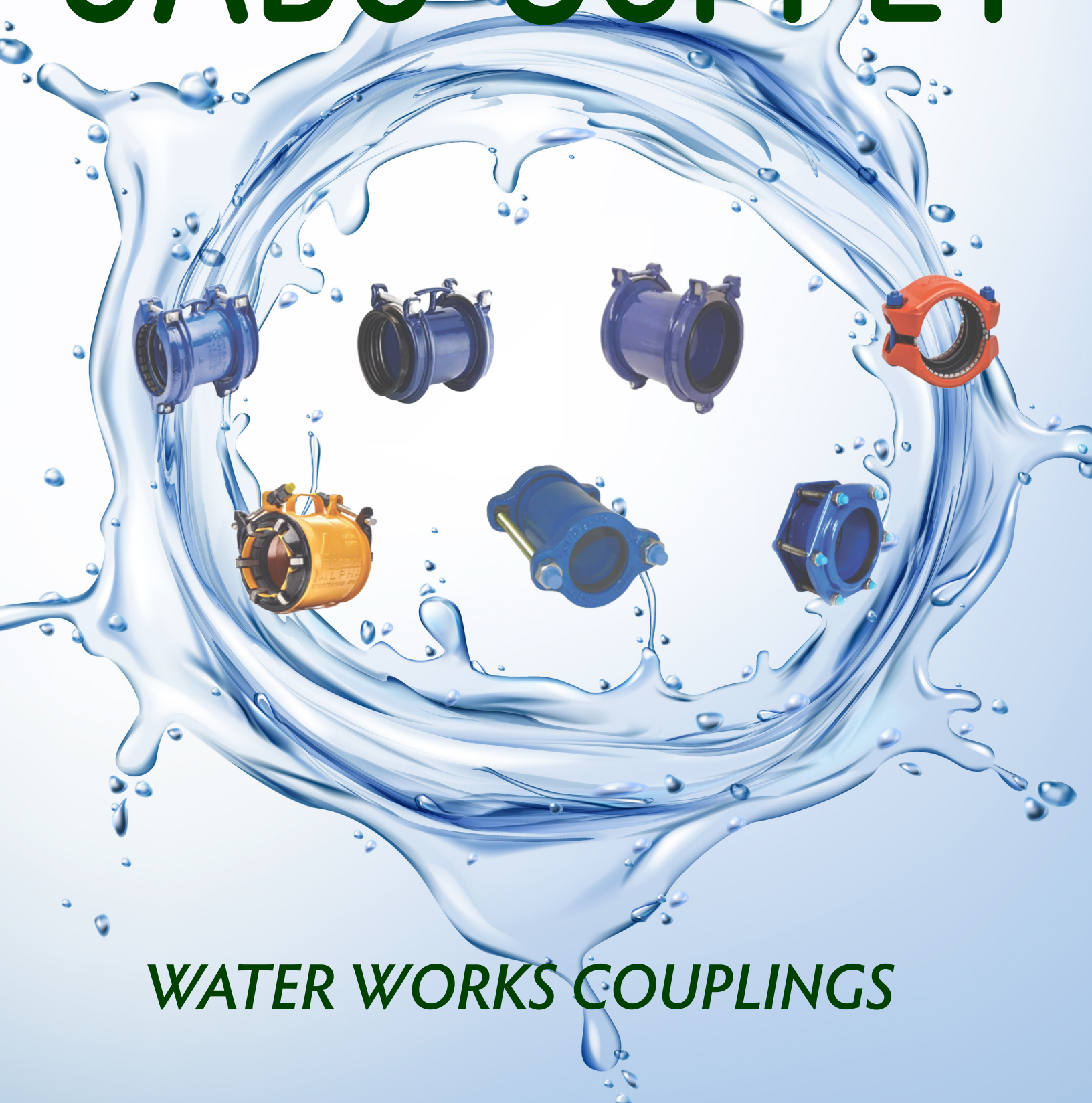


# JABO SUPPLY



## WATER WORKS COUPLINGS



**5 LOCATIONS**

**PARKERSBURG, WV**  
10085 Emerson Avenue 26102  
(304) 464-4400

**NORTON, VA**  
205 Hawthorne Drive, 24273  
(276) 679-1224

**HUNTINGTON, WV**  
209 Braley Street, 25705  
(304) 736-8333

**MORGANFIELD, KY**  
118 Jim Veatch Road, 42437  
(270) 389-3430

**BEAVER, WV (BECKLEY)**  
227 C&O Shop Road 25813  
(304) 252-0000

**SINCE 1964 SERVICE IS MORE THAN A PROMISE**

## COUPLING INDEX

DESCRIPTION	PAGE #
<b>PICTURE INDEX</b>	<b>5-7</b>
<b>PIPE CHART</b>	<b>8</b>
<b>HYMAX &amp; HYMAX STYLE COUPLINGS (INCLUDING SMITH BLAIR TOP BOLT)</b>	
<b>HYMAX FLIP 2</b>	<b>10-14</b>
Flip Coupling	11
Long Body Coupling	11
Flange Adaptor	12
Cathodic Coupling	12
Reducer	13
Flanged Outlet	13
Threaded Outlet	14
Oval Flange Adapter	14
<b>HYMAX GRIP</b>	<b>15-19</b>
Grip Coupling	16
Grip Large Diameter Couplings	16
Grip Swivel Joint	16
Grip Flange Adapter	17
Grip Reducer Coupling	17
Grip Elbows	18
Grip Cathodic Coupling	18
Transition Coupling	19
<b>DISMANTLING JOINT (CONNECTING 2 FLANGE DEVICES)</b>	<b>20-21</b>
Small Diameter 2"	21
Large Diameter 3"-24"	21
<b>HYMAX LARGE DIAMETER (HDL)</b>	<b>22-24</b>
HDL Standard Body	23
HDL Long Body	23
HDL Flange Adaptor Std	24
HDL Flange Adaptor Long	24
HDL Reducer	24

## PREFIX

## COUPLING INDEX

<b>SMITH BLAIR TOP BOLT COUPLING (HYMAX STYLE)</b>		<b>25-27</b>
421 Standard Body		27
422 Long Body		27
<b>BOLTED COUPLINGS</b>		
<b>SMITH BLAIR 411 BOLTED COUPLING</b>		<b>28-32</b>
Steel Pipe		30
Ductile Iron / Cast Iron		31
Adapter Gasket (Transistion IPS to CTS)		32
<b>VICTAULIC</b>		
<b>COMMONLY USED FOR PLAIN END PIPE</b>		<b>33-34</b>
905 Hugger (Small Diameter Plain End HDPE)		34
995 Hugger (Lager Diameter Plain End HDPE)		34
99 Roustabout PE Steel Pipe		34
<b>GALVANIZED COMPRESSION COUPLING</b>		
<b>SMITH BLAIR 525</b>		<b>35-37</b>
IPS COUPLING IPS Coupling IPS		37
Adapter Gasket (Transistion IPS to CTS)		37
*IPS Pipe		37
<b>ROMAC</b>		
<b>ALPHA COUPLINGS</b>		<b>38-41</b>
Alpha		39
Alpha EC		39
FC Alpha FC		40
Alpha Tee		40
Alpha 45		41

PICTURE INDEX

COUPLING PICTURE INDEX









HYMAX COUPLINGS

<b>HYMAX 2</b>	<b>HYMAX 2</b>	<b>HYMAX 2</b>	<b>HYMAX 2</b>
<b>FLIP COUPLING</b>	<b>FLIP LONG BODY</b>	<b>FLANGE ADAPTER STD/LONG</b>	<b>CATHODIC</b>
			
<b>PAGE 11</b>	<b>PAGE 11</b>	<b>PAGE 12</b>	<b>PAGE 12</b>
<b>HYMAX 2</b>	<b>HYMAX 2</b>	<b>HYMAX 2</b>	<b>HYMAX</b>
<b>REDUCER</b>	<b>FLANGED OUTLET</b>	<b>THREADED OUTLET</b>	<b>OVAL FLANGE ADAPTER</b>
			
<b>PAGE 13</b>	<b>PAGE 13</b>	<b>PAGE 14</b>	<b>PAGE 14</b>
<b>HYMAX GRIP</b>	<b>HYMAX GRIP</b>	<b>HYMAX GRIP</b>	<b>HYMAX GRIP</b>
<b>GRIP COUPLING</b>	<b>GRIP LARGE DIAMETER</b>	<b>GRIP SWIVEL JOINT</b>	<b>GRIP FLANGE ADAPTER</b>
			
<b>PAGE 16</b>	<b>PAGE 16</b>	<b>PAGE 16</b>	<b>PAGE 17</b>
<b>HYMAX GRIP</b>	<b>HYMAX GRIP</b>	<b>HYMAX GRIP</b>	<b>HYMAX GRIP</b>
<b>GRIP END CAP</b>	<b>GRIP REDUCER</b>	<b>GRIP ELBOW</b>	<b>CATHODIC</b>
			
<b>PAGE 17</b>	<b>PAGE 18</b>	<b>PAGE 18</b>	<b>PAGE 18</b>





PICTURE INDEX

COUPLING PICTURE INDEX




HYMAX COUPLINGS

<b>HYMAX GRIP</b> <i>CUT IN SLEEVE</i>	<b>HYMAX DISMANTLING</b> DISMANTLING JOINT 2"	<b>HYMAX DISMANTLING</b> DISMANTLING JOINT 3"-24"	<b>HYMAX LARGE DIAMETER</b> LARGE DIAMETER COUPLING
			
PAGE 19	PAGE 21	PAGE 21	PAGE 23
<b>HYMAX LARGE DIAMETER</b> LARGE DIAMETER LONG BODY	<b>HYMAX LARGE DIAMETER</b> LARGE DIAMETER FLANGE ADAPTER	<b>HYMAX LARGE DIAMETER</b> LARGER DIAMETER REDUCER	
			
PAGE 23	PAGE 24	PAGE 25	

SMITH BLAIR TOP BOLTS & 411 BOLTED COUPLING

<b>SMITH BLAIR</b> 421 TOP BOLT STANDARD	<b>SMITH BLAIR</b> 422 TOP BOLT LONG	<b>SMITH BLAIR</b> 411 BOLTED COUPLING	
			
PAGE 24	PAGE 25	PAGE 30-32	



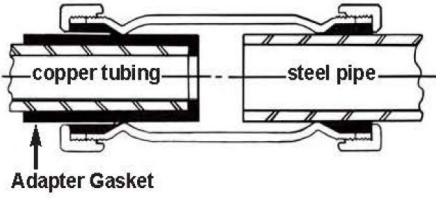
VICTAULIC

<b>VICTAULIC</b> 905 HDPE-HDPE	<b>VICTAULIC</b> 995 HDPE-HDPE	<b>VICTAULIC</b> 99 PLAIN END STEEL-PE STEEL	
			
PAGE 34	PAGE 34	PAGE 34	





PICTURE INDEX

COUPLING PICTURE INDEX

SMITH BLAIR GALVANIZED COMPRESSION COUPLINGS

GALVANIZED COUPLING	ADAPTER GASKET	
<i>IPS PIPE</i>	<i>TRANSISTONS GAL COMPRESSION FROM IPS TO CTS</i>	
		
PAGE 37	PAGE 37	

ROMAC ALPHA

ROMAC	ROMAC	ROMAC	ROMAC
<i>ALPHA</i>	<i>ALPHA EC</i>	<i>ALPHA FC</i>	<i>ALPHA TEE</i>
			
PAGE 39	PAGE 39	PAGE 40	PAGE 40

ROMAC
<i>ALPHA 45</i>

PAGE 41

# OD CHART

## OD PIPE CHART

FOR RECOMMENDATION ONLY

### STEEL PIPE & STEEL SIZE PVC

SIZE	STD	IPS	SIZE	STD
INCHES	(SCH 40)		INCHES	(SCH 40)
1/2	0.84		4	4.50
3/4	1.05		4-1/2	5.00
1	1.32		5	5.56
1-1/4	1.66		6	6.63
1-1/2	1.90		8	8.63
2	2.38		9	9.63
2-1/2	2.88		10	10.75
3	3.50		12	12.75
3-1/2	4.00	14	14.00	

**STD (SCH 40) STEEL PIPE 14" ABOVE THE NOMINAL SIZE IS THE O.D.) (16=16.00 OD ,,,ETC**

### COPPER TUBING

SIZE	PIPE O.D.
INCHES	(INCHES)
3/8	0.56
1/2	0.63
5/8	0.75
3/4	0.88
1	1.13
1-1/4	1.38
1-1/2	1.63
2	2.13
2-1/2	2.63
3	3.13
4	4.13
5	5.13
6	6.13

### DI, C900, CAST IRON

DI, C900, CAST IRON	
SIZE	PIPE O.D.
INCHES	INCHES
4	4.80
6	6.90
8	9.05
10	11.10
12	13.20
14	15.30

### ASBESTOS PIPE 4-16"

SIZE	CLASS	AC TRANITE		AC SIMPLEX	
		MACHINE	RB	MACHINE	RB
		END	MIN-MAX	END	MIN-MAX
4	100	4.64	4.79-5.14	4.70	4.95
	150	4.81	4.97-5.27	4.85	5.10
	200	4.81	5.22-5.77	5.20	5.45
6	100	6.91	7.05-7.40	6.76	7.01
	150	6.91	7.07-7.37	6.95	7.20
	200	6.91	7.26-7.56	7.50	7.75
8	100	9.11	9.22-9.57	8.80	9.13
	150	9.11	9.27-9.57	9.15	9.40
	200	9.11	9.39-9.74	9.76	10.01
10	100	11.24	11.42-11.77	11.18	11.43
	150	11.66	11.82-12.12	11.70	11.95
	200	11.66	11.77-12.12	12.20	12.45
12	100	13.44	13.69-14.04	13.36	13.61
	150	13.92	14.08-14.38	13.96	14.21
	200	13.92	14.03-14.38	14.46	14.72
14	100	15.07	15.40-15.80	15.56	15.94
	150	16.22	16.38-16.73	16.26	16.64
	200	16.22	16.48-16.88	16.88	17.26
16	100	17.15	17.54-17.94	17.76	18.14
	150	18.46	18.62-18.97	18.50	18.88
	200	18.46	18.79-19.19	19.30	19.68

### PIT CAST

PIT CAST PIPE ONLY			
SIZE	NOT CURRENT MANUFACTURE OR STD		
INCHES	CLASS A	CLASS B	CLASS C / D
3	3.8	3.96	3.96
4	4.8	5.00	5.00
6	6.9	7.10	7.10
8	9.05	9.05	9.30
10	11.1	11.10	11.40
12	13.2	13.20	13.50
14	15.3	15.30	15.65
16	17.4	17.40	17.80

### ASBESTOS PIPE 18"

CLASS	AC TRANITE		AC SIMPLEX	
	ME	RB MIN-MAX	ME	RB MIN-MAX
100	19.90	20.44	NA	NA
150	20.94	21.20	NA	NA
200	NA	NA	NA	NA

ASBESTOS PIPE 20"				
100	21.12	22.5	NA	NA
150	23.28	23.54	NA	NA
200	NA	NA	NA	NA

JABO SUPPLY DOES NOT WARRANTY OR GUARANTEE MANUFACTURED PIPE SIZES





# JABO SUPPLY



# HYMAX<sup>®</sup>

a **MUELLER** brand

# HYMAX COUPLINGS

## HYMAX COUPLINGS

# HYMAX® 2

## HYMAX 2 Flip Gasket - the Next Generation Wide-Range Coupling with No-Tear Gasket

The wide range HYMAX 2 coupling features a patented, hydraulically assisted gasket that can easily flip in or out to accommodate different pipe ODs, allowing for faster and more efficient installations. The HYMAX 2 is a ready to use, out of the box stab fit coupling suitable for most pipe types.

### SPHERICAL SPACERS

304 Stainless Steel\*

### GASKET BRIDGE

304 Stainless Steel\*

### FLIP GASKET

EPDM compounded for water and sewage, meets NSF-61 and NSF-372 standards for contact with drinking water



### NUTS & BOLTS

304 Stainless Steel Treated with Molecular Anti Galling (MAG) process\*

### END RINGS

ASTM A283/A283M Grade C Steel

### CENTER RING

ASTM A53 Grade A Steel

### COATING

100% fusion bonded epoxy for enhanced corrosion protection. Average thickness 14 mil, meets NSF-61 and NSF-372 standards

\* HYMAX 2 COUPLING sizes 1.5" - 12" and HYMAX 2 FLANGE ADAPTOR sizes 1.5" - 12" will soon be available in 316 Stainless Steel

### FEATURES

- 2 Bolt Design
- Flip Gasket
- Continuous Dynamic Deflection
- Wide Working Range

### BENEFITS

- Faster and easier installation saving time and money
- Flip gasket in or out! No accidental tearing out
- 4° per side minimizes risk of future pipe damage
- Reduces and simplifies inventory



\* CAUTION - ASBESTOS AND OTHER MATERIALS MAY CAUSE CANCER AND DAMAGE TO LUNGS. DO NOT BREATHE DUST, AVOID CREATING DUST. Seek Expert Advice For Breathing Protection And Protective Equipment. Call OSHA 1-800-321-6742 for more information.



## HYMAX COUPLINGS

### HYMAX 2

#### HYMAX 2 FLIP COUPLING

Wide-range **HYMAX 2 Flip coupling**, used for section replacement, connects two pipes of the same or different outside diameter and materials, up to 1.3" range (SEE PHOTO RIGHT)



*Nominal Pipe Size: 1.5" - 12"*



JABO#	SIZE	RANGE
075-13690	1.5"	1.61-2.13
075-13700	2"	2.10-3.03
075-13710	3"	3.46-4.33
075-13720	4"	4.25-5.63
075-13740	6"	6.42-7.68
075-13760	8"	8.54-9.84
075-13770	10"	10.70-12.0
075-13800	12"	12.40-13.66
NON RESTRAINT		

#### HYMAX 2 LONG BODY

Wide-range **HYMAX 2 Long Body Coupling**, used for pipe section replacement, connects two pipes of the same or different outside diameter and materials, covering a wider gap between the pipes, with up to up to 1.3" range.



Long couplings are typically used when there is uncertainty regarding the gap between the pipes.

*Nominal Pipe Size: 1.5" - 12"*

JABO#	SIZE	RANGE
*	1.5"	1.61-2.13
075-17300	2"	2.10-3.03
075-17305	3"	3.46-4.33
075-17310	4"	4.25-5.63
075-17315	6"	6.42-7.68
075-17320	8"	8.54-9.84
075-17325	10"	10.70-12.0
*	10"	10.96 - 12.26
*	12"	12.40-13.66
*	12"	13.15 - 14.41
NON RESTRAINT		
* NON STOCK CALL JABO SUPPLY		

## HYMAX COUPLINGS

## HYMAX 2

## HYMAX 2 FLANGE ADAPTER

Wide-range HYMAX 2 **Flange Adaptor** connects any flanged device, such as valves, pumps and other devices, with a variety of pipe diameters and materials, up to 1.3" range.

*Nominal Pipe Size: 1.5" - 12"*



JABO #	SIZE	RANGE
075-16320	2"	2.10-3.03
075-15880	3"	3.46-4.33
075-15890	4"	4.25-5.63
075-15910	6"	6.42-7.68
075-15920	8"	8.54-9.84
075-15930	10"	10.70-12.00
075-15950	12"	12.40-13.66

## HYMAX 2 CATHODIC COUPLING

The HYMAX 2 **Cathodic coupling** is fitted with a single connection point allowing for electrical continuity through the entire coupling. This feature provides a single connection point for adding sacrificial anodes for additional corrosion protection. The Cathodic connection point is ready to use, out of the box without any assembly needed.

*Nominal Pipe Size: 2" - 12"*



JABO #	SIZE	RANGE
*	2"	2.10-3.03
*	3"	3.46-4.33
*	4"	4.25-5.63
*	6"	6.42-7.68
*	8"	8.54-9.84
*	10"	10.70-12.00
*	10"	10.96 - 12.26
*	12"	12.40-13.66
*	12"	13.15 - 14.41
* NO STOCK CALL JABO SUPPLY		

**HYMAX 2**

**HYMAX 2 REDUCER**

Wide-range HYMAX 2 **Reducer** joins pipes of different nominal sizes and materials. Each side has a working range of up to 1.3".



*Nominal Pipe Size: 1.5" - 12"*



JABO #	SIZE	RANGE
*	1.5" x 2"	1.61 - 2.13
*	2" x 3"	2.10 - 3.03
*	3" x 4"	3.46 - 4.33
*	4" x 5"	4.25 - 5.63
*	4" x 6"	4.25 - 5.63
*	5" x 6"	5.12 - 6.38
*	6" x 7"	6.42 - 7.68
*	6" x 8"	6.42 - 7.68
*	7" x 8"	7.48 - 8.74
*	8" x 10"	8.54 - 9.84
*	8" x 12"	8.54 - 9.84
*	10" x 10"	10.70 - 12.00
*	10" x 12"	10.70 - 12.00
*	10" x 12"	10.96 - 12.26
*	10" x 12"	10.96 - 12.26
*	12" x 12"	12.40 - 13.66
*NON STOCK CALL JABO SUPPLY		

**HYMAX 2 FLANGED OUTLET**

HYMAX 2 **Flanged Outlet** provides effective outlet solutions for a wide variety of piping types and diameters, joining pipes made of the same or different materials, and with a working range of up to 1.3".



*Nominal Pipe Size: 3" - 12"*



JABO #	SIZE	RANGE
NA	2"	NA
*	3"	3.46-4.33
*	4"	4.25-5.63
*	6"	6.42-7.68
*	8"	8.54-9.84
*	10"	10.70-12.00
*	10"	10.96 - 12.26
*	12"	12.40-13.66
*	12"	13.15 - 14.41
*NON STOCK CALL JABO SUPPLY		

# HYMAX COUPLINGS

## HYMAX 2

### HYMAX 2 THREADED OUTLET

HYMAX 2 **Threaded Outlet** provides effective outlet solutions for a wide variety of piping types and diameters, joining pipes made of the same or different materials, and with a working range of up to 1.3".



*Nominal Pipe Size: 1.5" - 12"*



JABO#	SIZE	RANGE
*	1.5"	1.61-2.13
*	2"	2.10-3.03
*	3"	3.46-4.33
*	4"	4.25-5.63
*	6"	6.42-7.68
*	8"	8.54-9.84
*	10"	10.70-12.0
*	10"	10.96 - 12.26
*	12"	12.40-13.66
*	12"	13.15 - 14.41
NON RESTRAINT		
* NON STOCK CALL JABO SUPPLY		

### OVAL FLANGE ADAPTER



JABO #	Size	
075-15860	1.5"	
075-15870	2"	

# HYMAX GRIP®

## Wide-Range Restraint Solutions

The HYMAX Grip products combine the patented technology of the HYMAX coupling with a unique restraint system to join plain end pipes while preventing any possible pipe movement. The unique radial gripping system and patented hydraulically assisted gasket will accommodate different pipe ODs, allowing for faster and more efficient installations. The HYMAX Grip, with its ductile iron body is a ready-to-use, out-of-the-box stab fit coupling suitable for most pipe types.

HYMAX GRIP®

### SPHERICAL SPACERS

Type 304 Stainless Steel\*

### GASKET BRIDGE

Type 304 Stainless Steel\*

### GRIP CHAIN

Restrains both metal & plastic pipes

### GASKET

EPDM and NBR available, both are compounded for water and sewage. Meets NSF-61 and NSF-372 standards for contact with drinking water



### NUTS & BOLTS

Type 304 Stainless Steel Rolled thread and anti-galling coating\*

### END RING

1.5" - 3" - Cast Steel  
4" - 16" - Ductile Iron Casting

### MIDDLE RING + T HANDLE

Ductile Iron Casting

### COATING

100% fusion bonded epoxy for enhanced corrosion protection

*Picture is based on HYMAX GRIP 4" - features may vary between different product sizes.*

*\* HYMAX GRIP COUPLING sizes 1.5" - 12" and HYMAX GRIP FLANGE ADAPTOR sizes 1.5" - 12" will soon be available in 316 Stainless Steel hardware - Check for availability.*

### FEATURES

- 2 Bolt Design
- Wide Working Range
- Continuous Dynamic Deflection
- Premium Materials
- Dual Gripping System - Mechanical and Hydraulic

### BENEFITS

- Faster and easier installation saving time and money
- Accommodates different pipe OD, reduces and simplifies inventory
- 4° per side minimizes risk of future pipe damage
- Durable and re-usable with multiple material options
- Prevents axial motion - No need for Thrust Blocks



*\* 304SS and 316SS pipe schedule 10 and higher*



# HYMAX COUPLINGS

## HYMAX GRIP COUPLINGS

### HYMAX GRIP COUPLING

The **HYMAX Grip Coupling** is available in sizes 1.5” to 12” for joining plain end pipe while preventing any possible pipe movement with its unique radial gripping system and patented hydraulically assisted gasket. The HYMAX Grip Coupling is a ready to use, out of the box stab fit coupling suitable for most pipe types



*Nominal Pipe Size: 2"-12'*

JABO#	SIZE	RANGE
075-16860	2"	1.54-2.64
075-16870	2.5"	2.32-3.43
075-16880	3"	3.15-4.14
075-16890	4"	4.40-5.10
075-16900	6"	6.50-7.20
075-16910	8"	8.50-9.40
075-16920	10"	10.65-11.55
075-16930	12"	12.68-13.39
RESTRAINT		

### HYMAX GRIP LARGE DIAMETER COUPLING

The **HYMAX Grip Large Diameter Couplings** are available in sizes 14” and 16” for joining plain end pipe while preventing any possible pipe movement with its unique radial gripping system and patented gasket.  
*Nominal Pipe Size: 14” - 16”*



\*NON STOCK CALL JABO SUPPLY

JABO#	SIZE	RANGE
*	14"	15.12 - 15.75
*	16"	17.25 - 17.88
RESTRAINT		

### HYMAX GRIP SWIVEL JOINT

The **HYMAX Grip Swivel Joint** is a restraint coupling that can be rotated to provide any angle needed to join and restrain two plain end pipes. The HYMAX Grip Swiveljoint is a ready to use, out of the box and suitable for most pipe type



\*NON STOCK CALL JABO SUPPLY

JABO#	SIZE	RANGE
075-25000	4"	4.40-5.10
075-25005	6"	6.50-7.20
075-25015	8"	8.50-9.40
*	10"	10.65-11.55
*	12"	12.68-13.39

# HYMAX COUPLINGS

## HYMAX GRIP COUPLINGS

### HYMAX GRIP FLANGE ADAPTER

The **HYMAX Grip Flange adapter** is designed to transition from a flanged device to a plain end pipe while providing restraint and preventing pipe pullout. The HYMAX Grip Flange Adapter is ready to use, out of the box without any assembly or disassembly required



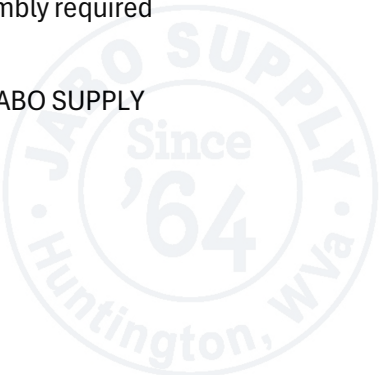
*HYMAX GRIP FLANGE ADAPTOR NOMINAL SIZE 1.5"-2.5"*

JABO#	ND (inch)	FLANGE OVAL	RANGE
*	1.5"/2"	1.5"	1.54-2.64
*	1.5"/2"	2"	1.54-2.64
*	2.5"	2"	2.32-3.43

*HYMAX GRIP FLANGE ADAPTOR NOMINAL SIZE 4"-12"*

JABO#	ND (inch)	RANGE
*	4"	4.40-5.10
*	6"	6.50-7.20
*	8"	8.50-9.40
*	10"	10.65-11.55
*	12"	12.68-13.39

\*NON STOCK CALL JABO SUPPLY



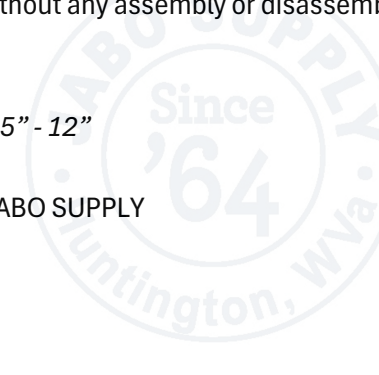
### HYMAX GRIP END CAP

The **HYMAX Grip End Cap** is designed to temporarily or permanently cap a plain end pipe while providing restraint and preventing pipe pullout. The HYMAX Grip End Cap features a 2" NPT outlet as standard for flushing or adding a blow off valve. The HYMAX Grip Flange Adapter is ready to use, out of the box without any assembly or disassembly required.



*Nominal Pipe Size: 1.5" - 12"*

\*NON STOCK CALL JABO SUPPLY



JABO#	ND (inch)	RANGE
*	1.5/2	1.54 - 2.64
*	3"	2.32 - 3.43
*	3"	3.15 - 4.17
075-19000	4"	4.40-5.10
075-19005	6"	6.50-7.20
075-19010	8"	8.50-9.40
*	10"	10.65-11.55
*	12"	12.68-13.39

# HYMAX COUPLINGS WATER WORKS COUPLINGS

## HYMAX GRIP COUPLINGS

### HYMAX GRIP REDUCER COUPLING

The **HYMAX Grip Reducer Coupling** is designed to transition two plain end pipes with different nominal diameters while providing restraint and preventing pipe pullout. The HYMAX Grip Reducer Coupling is ready to use, out of the box without any assembly or disassembly required.



\*NON STOCK CALL JABO SUPPLY

JABO#	SIZE	RANGE
*	1.5"/2"x 2.5'	1.54-2.64
*	2.5"x 3"	2.32-3.43
*	3 x 4"	3.15-4.17
*	4" x 6"	4.40-5.10
*	6" x 8"	6.50-7.20
*	8"x 10"	8.50-9.40
*	10" x 12"	10.65-11.55

### HYMAX GIP ELBOWS

The **HYMAX Grip Elbows** are available in 45 and 90 degree configurations for change of direction between two plain end pipes while providing restraint and preventing pipe pullout. The HYMAX Grip Elbows reduce or eliminate the need for thrust blocks when there is a change of direction in the pipe line. The HYMAX Grip Elbow is ready to use, out of the box without any assembly or disassembly requir



\*NON STOCK CALL JABO SUPPLY

JABO#	SIZE	RANGE
*	4"	4.40-5.10
*	6"	6.50-7.20
*	8"	8.50-9.40
*	10"	10.65-11.55
*	12"	12.68-13.39
<b>AVAIL IN BOTH 90/45</b>		

### HYMAX GRIP CATHODIC

The **HYMAX Grip Cathodic Coupling** is fitted with a single connection point allowing for electrical continuity through the entire coupling. This feature provides a single connection point for adding sacrificial anodes for additional corrosion protection. The Cathodic connection point is ready to use, out of the box without any assembly needed.



\*NON STOCK CALL JABO SUPPLY

JABO#	SIZE	RANGE
*	1.5"/2"	1.54-2.64
*	3"	2.32-3.43
*	3"	3.15-4.17
*	4"	4.40-5.10
*	6"	6.50-7.20
*	8"	8.50-9.40
*	10"	10.65-11.55
*	12"	12.68-13.39

# HYMAX COUPLINGS

## HYMAX GRIP COUPLINGS

### HYMAX GRIP CUT IN SLEEVE (CONNECTS TO MECHANICAL SLEEVE)

The first **Transition Coupling** that can connect to a mechanical joint while restraining the connecting plain pipe with only one bolt to tighten.



\*NON STOCK CALL JABO SUPPLY



JABO#	SIZE	RANGE
*	3"	3.15-4.17
*	4"	4.40-5.10
*	6"	6.50-7.20
*	8"	8.50-9.40
*	10"	10.65-11.55
*	12"	12.68-13.39

### HYMAX COUPLINGS

# HYMAX<sup>®</sup> HYJOINT

## Dismantling Joint

The HYMAX Hyjoint Dismantling Joint is user friendly design for connecting two flanged devices with a center radial closing mechanism allowing for longitudinal adjustment between flanges.

HYMAX<sup>®</sup> HYJOINT

### GASKET EPDM

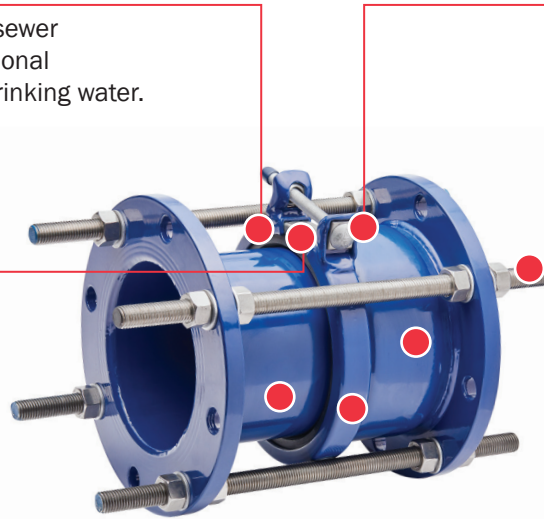
Compounded for water and sewer applications. Meets International standards for contact with drinking water.

### GASKET BRIDGE

Type 304 Stainless Steel\*

### COATING

100% fusion bonded epoxy for enhanced corrosion protection. Average thickness 14 mil. Meets NSF-61 and NSF-372.



### NUTS & BOLTS

304 Stainless Steel Rolled thread and antigalling coating

### THREADED ROD & NUTS

304 Stainless Steel Rolled thread

### BODY

2"-10" ASTM A53 Grade A Steel

12"-24" ASTM A283/A283M Grade C Steel

### END RING

ASTM A283/A283M Grade C Steel

\*Picture is based on HYJOINT 2" - 10". Features may vary between different product sizes.

### FEATURES

- One bolt center closing ring
- Hydraulic Pressure Assisted Gasket
- Premium Materials

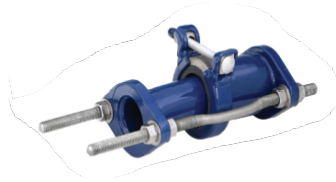
### BENEFITS

- Quick and easy installation
- Standard EPDM gasket approved for drinking water
- Durable and re-usable providing superior corrosion resistance



## HYMAX COUPLINGS

## HYMAX DISMANTLING COUPLINGS (FOR FLANGE PIPE)



2"



3-24"

ND (inch)	Length Min (inch)	Length Max (inch)	Working Pressure (PSI)	Part Number
2	8.27	11.42	175	811-56-0002-12
3	8.27	11.42	175	811-56-0003-12
4	8.27	11.42	175	811-56-0004-12
5	8.27	11.42	175	811-56-0005-12
6	8.27	11.42	175	811-56-0006-12
8	11.02	16.14	175	811-56-0008-12
10	11.02	16.14	175	811-56-0010-12
12	11.02	16.14	175	811-56-0012-12
14	11.02	16.14	175	811-56-0014-12
16	13.78	18.90	175	811-56-0016-12
18	13.78	18.90	175	811-56-0018-12
20	13.78	18.90	175	811-56-0020-12
24	13.78	18.90	175	811-56-0024-12

**CALL JABO SUPPLY FOR ADDITIONAL INFORMATION**

HYMAX COUPLINGS

# HYMAX® LARGE DIAMETER (HLD)

## HYMAX Large Diameter (HLD)

The wide range HYMAX Large Diameter Coupling features a patented hydraulically assisted double layer gasket with wide working ranges to accommodate different pipe ODs, allowing for faster and more efficient installations. The HYMAX Large Diameter is a ready to use, out of the box stab fit coupling suitable for most pipe types.

### CENTER PIN

Centers coupling between pipe and prevents coupling from drifting.

### END RING

14"-16" - ASTM A 283 / A283M Grade C Steel. (or Ductile Iron Casting ASTM A536 grade 60-40-18) 18"-24" - ASTM A 283 / A283M Grade C Steel.

### ONLY 4 TOP-FACING BOLTS

Type 304 Stainless Steel Rolled thread and Molecular Anti Galling (MAG)

### CENTER RING

ASTM A283/A283M Grade C Steel

### GASKET BRIDGE

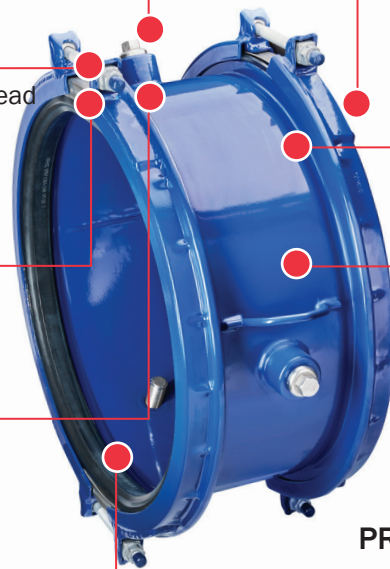
Type 304 Stainless Steel

### COATING

100% fusion bonded epoxy for enhanced corrosion protection. Average thickness 14 mil., meets NSF-61 and NSF-372 standards

### SPHERICAL SPACERS

Type 304 Stainless Steel



### PROGRESSIVE HYDRAULICALLY-ASSISTED GASKET

EPDM, compounded for water and sewage, meets NSF-61 and NSF-372 standards for contact with drinking water

\* Sizes 26"-60" with one-layer gasket available as Made To Order (MTO)

### FEATURES

- 2 Bolt Design
- Double Layer Gasket
- Continuous Dynamic Deflection
- Wide Working Range

### BENEFITS

- Faster and easier installation saving time and money
- Removable outer layer allowing transition between different pipe materials
- 4° per side minimizes risk of future pipe damage
- Reduces and simplifies inventory



\* CAUTION - ASBESTOS AND OTHER MATERIALS MAY CAUSE CANCER AND DAMAGE TO LUNGS. DO NOT BREATHE DUST, AVOID CREATING DUST. Seek Expert Advice For Breathing Protection And Protective Equipment. Call OSHA 1-800-321-6742 for more information.



RESTRAIN

TAP

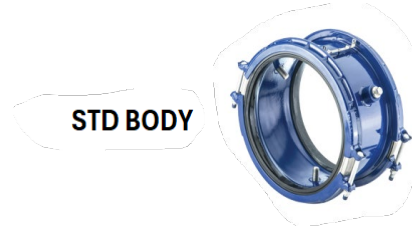
# HYMAX COUPLINGS

## HYMAX LARGE DIAMETER COUPLINGS

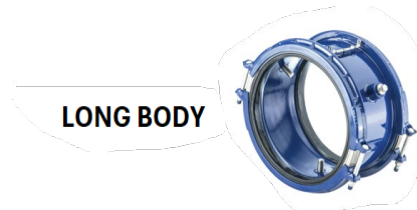
### HYMAX LARGE DIAMETER COUPLING

AVAILABLE IN STANDARD & LONG BODY

\*NON STOCK CALL JABO SUPPLY



JABO#	SIZE	RANGE
075-17000	14"	15.00-17.10
075-17005	16"	17.10-19.20
075-17010	18"	19.20-21.30
075-17015	20"	19.60-21.70
075-17020	20"	21.25-23.35
075-17025	24"	23.85-25.95
075-17030	24"	24.60-26.70
<i>HYMAX 26"-60" - MTO (MADE TO ORDER) AVAILABLE</i>		



JABO#	SIZE	RANGE
*	14"	15.00-17.10
*	16"	17.10-19.20
*	18"	19.20-21.30
*	20"	19.60-21.70
*	20"	21.25-23.35
*	24"	23.85-25.95
*	24"	24.60-26.70
<i>HYMAX 26"-60" - MTO (MADE TO ORDER) AVAILABLE</i>		

# HYMAX COUPLINGS

## HYMAX LARGE DIAMETER COUPLINGS

### HYMAX LARGE DIAMETER (HLD) FLANGE ADAPTER

AVAILABLE IN STANDARD & LONG BODY

\*NON STOCK CALL JABO SUPPLY



**STD BODY**



JABO#	SIZE	RANGE
		15.00-17.10
*	16"	17.10-19.20
*	18"	19.20-21.30
*	20"	19.60-21.70
*	20"	21.25-23.35
*	24"	23.85-25.95
*	24"	24.60-26.70

**LONG BODY**

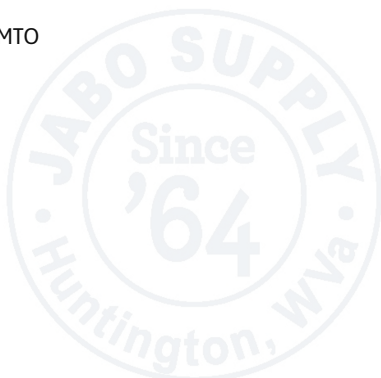


JABO#	SIZE	RANGE
*	14"	15.00-17.10
*	16"	17.10-19.20
*	18"	19.20-21.30
*	20"	19.60-21.70
*	20"	21.25-23.35
*	24"	23.85-25.95
*	24"	24.60-26.70

### HYMAX REDUCER LARGE DIAMETER

HYMAX REDUCER NOMINAL SIZE 26"-60" - MTO  
(MADE TO ORDER)

\*NON STOCK CALL JABO SUPPLY



JABO#	SIZE	RANGE
*	14" x 16"	15.00-17.10
*	16" x 18"	17.10-19.20
*	18" x 20"	19.20-21.30
*	20" x 24"	21.25-23.35
*	20" x 24"	21.25-23.35



# JABO SUPPLY



## SMITH BLAIR TOP BOLT COUPLINGS

## SMITH BLAIR 421/422 TOP BOLT



# Top Bolt®

## 2 Bolt Coupling System

PATENT NO. 8,528,945 / 8,776,351 / 8,789,832

# 421

# 422

### IMPORTANT LINKS

Click appropriate words to go to:

[Standard Limited Warranty](#)

[Sales Terms & Conditions](#)

[Freight Policy](#)

[Returns Policy](#)

[Corrosion & Product Selection Notice](#)

**Description:** Two bolt, stab fit coupling featuring removable/replaceable inner gaskets to expand range of product and reduce number of SKUs that must be stocked. Standard length sleeve 421, and long sleeve version 422.

**Application:** Joining plain end pipe

### Key Features:

- Easy to install — One bolt on each end to tighten
- Removable inner gasket for larger O.D.s
- Bi-directional inner gasket can be reinstalled
- Corrugated armor — reduces friction between gasket and armor, thus allowing better gasket seating; prevents armor from gouging flange finish, thus reducing possible corrosion point
- Wide range - Up to 1.31 inches
- Reduces inventory by having wide range
- Deflection 4° per end
- Lightweight
- Stab insertion of pipe ends
- Corrosion resistant Flexi-Coat® Epoxy Finish
- Epoxy coated 304 Stainless Steel hardware and fluoropolymer coated nuts to reduce galling
- Connectors available for additional corrosion protection using anodes
- Easily disassembled when necessary

### Materials Specifications (subject to change):

SLEEVE: Carbon Steel

FLANGES: Carbon Steel

ARMOR: Half hard 304 Stainless Steel

GASKET: Nitrile (Buna N)

BOLTS: Type 304 Stainless Steel with Flexi-Coat® Fusion Bonded Epoxy Finish

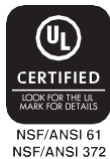
NUTS: Heavy hex Type 304 Stainless Steel with fluoropolymer finish to prevent galling

FINISH: Flexi-Coat® Fusion Bonded Epoxy Finish

**Working Pressure:** Up to 250 PSI

**Pipe Applications:** Steel, PVC, Ductile Iron, Asbestos Cement and Copper tube sizes

**Sizes (in inches):** 2, 3, 4, 6, 8, 10, 12, 16, 24 and oversize version of 10", 12" 16", and 24"



# SMITH BLAIR 421/422 TOP BOLT

## SMITH BLAIR TOP BOLT

### 421 STANDARD BODY

Catalog Number is Smith Blair #



Nom Size (in.)	Catalog Number	Overall Range (in.)	Lower Range (in.)	Upper Range (in.)
2	421-02130295-031	2.13-2.95	2.13-2.60	2.50-2.95
3	421-03100420-031	3.10-4.20	3.10-3.56	3.70-4.20
4	421-04460560-031	4.46-5.60	4.46-5.05	5.00-5.60
6	421-06560760-031	6.56-7.60	6.56-7.05	7.00-7.60
8	421-08540985-031	8.54-9.85	8.54-9.15	9.15-9.85
10	421-10641183-031	10.64-11.83	10.64-11.18	11.13-11.83
10 OS*	421-10641220-031	10.64-12.20	10" Side: 10.64-11.18	10" Side: 11.13-11.83
			10" OS Side: 11.05-11.56	10" OS Side: 11.56-12.20
12	421-12621367-031	12.62-13.67	12.62-13.06	13.10-13.67
12 OS*	421-12621440-031	12.62-14.40	12" Side: 12.62-13.06	12" Side: 13.10-13.67
			12" OS Side: 13.14-13.78	12" OS Side: 13.73-14.40
16	421-16001785-031	16.00-17.85	16.00-16.50	17.35-17.85
16 OS*	421-16001920-031	16.00-19.20	16" Side: 16.00-16.50	16" Side: 17.35-17.85
			16" OS Side: 17.15-17.95	16" OS Side: 18.45-19.20
24	421-24002632-031	24.00-26.32	24.00-24.80	25.25-26.32
24 OS*	421-24002732-031	24.00-27.32	24" Side: 24.00-24.80	24" Side: 25.25-26.32
			24" OS Side: 25.00-25.80	24" OS Side: 26.25-27.32

JABO#	SIZE	OVERALL RANGE
073-20822	2"	2.13-2.95
073-20826	3"	3.10-4.20
073-20830	4"	4.46-5.60
073-20834	6"	6.56-7.60
073-20838	8"	8.54-8.85
073-20842	10"	10.64-11.83
073-20846	10" OS	10.64-12.20
073-20850	12"	12.62-13.67
073-20854	12" OS	12.62-14.40
073-20858	16"	16.00-17.85
*	16" OS	16.00-19.20
073-20862	24"	24.00-26.32
*	24" OS	24.00-27.32
NON RESTRAINT		
*NON STOCK CALL JABO SUPPLY		

### 422 LONG BODY

Nom Size	Catalog Number	Overall Range (in.)	Lower Range	Upper Range
2	422-02130295-031	2.13-2.95	2.13-2.60	2.50-2.95
3	422-03100420-031	3.10-4.20	3.10-3.56	3.70-4.20
4	422-04460560-031	4.46-5.60	4.46-5.05	5.00-5.60
6	422-06560760-031	6.56-7.60	6.56-7.05	7.00-7.60
8	422-08540985-031	8.54-9.85	8.54-9.15	9.15-9.85
10	422-10641183-031	10.64-11.83	10.64-11.18	11.13-11.83
12	422-12621367-031	12.62-13.67	12.62-13.06	13.10-13.67



JABO	SIZE	OVERALL RANGE
073-20866	2"	2.13-2.95
073-20870	3"	3.10-4.20
073-20874	4"	4.46-5.60
073-20878	6"	6.56-7.60
073-20882	8"	8.54-8.85
073-20886	10"	10.64-11.83
073-20890	12"	12.62-13.67



# JABO SUPPLY



*Smith-Blair*  
a xylem brand

## 411 BOLTED COUPLINGS

## SMITH BLAIR 411 BOLTED COUPLING



# Steel Fabricated Coupling

## Straight Connection

# 411

### IMPORTANT LINKS

Click appropriate words to go to:

[Standard Limited Warranty](#)  
[Sales Terms & Conditions](#)  
[Freight Policy](#)  
[Returns Policy](#)  
[Corrosion & Product Selection Notice](#)



**THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT.** Proper anchoring is required to prevent pipe pullout. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, or death. Read the product installation instructions prior to installing this product.

**Description:** A bolted sleeve type coupling for joining plain end pipe of the same diameters.

**Application:** Joining plain end pipe without the need for welding or special pipe fittings.

### Key Features:

- Meets applicable AWWA C219 Standards
- Allows for limited expansion and contraction
- Will dampen vibration to reduce pipe fatigue
- Easy to install, no special pipe end preparation required
- Available in a wide variety of pipe O.D. sizes and sleeve lengths
- Most sizes will accommodate anchor studs to restrain the joints
- Can be custom made to fit odd O.D.s or other unusual applications
- Provided with or without pipe stops to accommodate customer needs
- Has good deflection capabilities, allows change in piping direction without the need of elbows, bends
- Steel sizes built to specific O.D. and Ductile Iron sizes are built with range to accommodate the variances in Ductile Iron pipe O.D.s

### Materials Specifications (subject to change):

**SLEEVE:** ASTM A53, ASTM A512 or Carbon Steel having minimum yield of 30,000 PSI

**FOLLOWERS:** Ductile Iron ASTM A536, Steel AISI C 1020, or A715 Grade 80 HSLA Steel. Designed for a high strength-to-weight ratio. Follower thickness determined by coupling size

**BOLTS & NUTS:** High strength, low alloy Steel with heavy semi-finished hexagon nuts *Optional: Stainless Steel and Carbon Steel ASTM A307 electro-galvanized with di-chromate seal*

**GASKET:** Nitrile (Buna N) NSF 61 compounded to produce superior storage and performance characteristics while resisting water, acids, alkalies, most (aliphatic) hydrocarbon fluids, and other chemicals

**Temperature Range:** -20°F to 180°F

**FINISH:** Flexi-Coat® Fusion Bonded Epoxy Finish

**Working Pressure:** Up to 150 PSI

**Pipe Applications:** All Types. HDPE requires use of stiffeners. Contact Smith-Blair Engineering for any questions.

**Sizes (in inches):** ½, ¾, 1, 1¼, 1½, 2, 2½, 3, 3-4, 4, 4-5, 6, 8, 10, 12, 12-14, 14, 16, 18, 20, 24, 30, 36, 42, 48, 54. NOTE: Larger sizes available upon request.

# SMITH BLAIR 411 BOLTED COUPLING

## 411 BOLTED COUPLING

### SMITH 411 COUPLING STEEL PIPE

JABO #	NOMINAL	OD (inches)	LENGTH	NUMBER
	SIZE (inches)	(inches)	(inches)	BOLTS
073-18502	1/2"	0.84	7"	2
073-18518	3/4"	1.05	7"	2
073-18538	1"	1.32	7"	2
073-18558	1-1/4"	1.66	7"	2
073-18578	1-1/2"	1.90	7"	2
*			5"	2
073-18618	2"	2.38	7"	2
073-18646			12"	3
073-18722	2-1/2"	2.88	5"	3
*	3"	3	5"	3
073-18778	3"	3.5	5"	4
*			7"	3
073-19978			12"	3
*	3-1/2"-4	4	5"	3
073-19990	4"	4.5	5"	4
*			7"	4
073-20014			12"	4
*			16"	4
*			24"	4
*	4-1/2"-5"	5	5"	4
073-18910	5"	5.56	5"	4
*			7"	4
*			10"	4
*			16"	4
*			24"	4
073-20042	6"	6.63	5"	6
073-20078			7"	6
*			10"	6
*			16"	6
*			24"	6
073-20086	8"	8.63	5"	6
*			7"	6
*			10"	6
073-20122			16"	6
*			24"	

JABO #	NOMINAL	OD (inches)	LENGTH	NUMBER
	SIZE (inches)	(inches)	(inches)	BOLTS
073-20142	10"	10.75	5"	8
			7"	8
			10"	8
073-20182			16"	8
*			24"	8
*	12"	12.00	5"	8
*			7"	8
*			10"	8
*			16"	8
*			24"	8
073-20194	12"	12.75	5"	8
*			7"	8
*			10"	8
073-20242	14"	14.00	16"	8
*			24"	8
*			5"	6
073-19134	14"	14.00	7"	6
			10"	6
*			16"	6
			24"	6
073-19246	16"	16.00	7"	8
			10"	8
*			16"	8
*			24"	8
073-19374	18"	18.00	7"	8
*			10"	8
*			16"	8
			24"	8
073-19494	20"	20.00	7"	10
			10"	10
*			16"	10
			24"	10
*	22"	22.00	7"	10
			10"	10
			16"	10
			24"	10
073-19666	24"	24.00	7"	10
*			10"	10
*		24.00	16"	10
*			24"	10



411 BOLTED COUPLING

SMITH 411 COUPLING DUCTICLE IRON / CAST IRON

JABO #	NOMINAL SIZE (inches)	OD (inches)	LENGTH (inches)	NUMBER BOLTS
*	2	2.34-2.56	7"	2
*			10"	
*	2-1/2"	2.75-2.88	7"	3
*			10"	3
*	3"	3.75-3.86	7"	3
*			10"	4
*	3"-4"	3.87-4.04	7"	4
*			10"	4
*	4"	4.07-4.19	7"	4
*			10"	4
*	4"	4.74-5.06	7"	4
*			10"	4
*	5"	5.00-5.16	7"	4
*			10"	4
*	6"	6.84-6.96	7"	5
*			10"	5
*	6"	7.04-7.16	7"	5
*			10"	5
*			7"	5
*	6"	7.14-7.26	10"	5
*			7"	6
*	8"	8.91-9.30	10"	6
*			7"	6
*	8"	9.30-9.50	10"	6
*			7"	7
*	10"	11.04-11.16	10"	7
*			7"	7
*	10"	11.34-11.46	10"	7
*			7"	8
*	10"	11.84-12.00	10"	8
*			7"	8
*	12"	13.14-13.26	10"	8
*			7"	8
*	12"	13.44-13.56	10"	8
*			7"	8
*	12-14"	13.88-14.06	10"	8
*			7"	8

\*NON STOCK CALL JABO SUPPLY

JABO #	NOMINAL SIZE (inches)	OD (inches)	LENGTH (inches)	NUMBER BOLTS
*	14"	15.30	7"	8
*			16"	8
*			24"	8
*	14"	15.65	7"	6
*			10"	6
*			16"	6
*			24"	6
*	16"	17.40	7"	8
*			10"	8
*			16"	8
*			24"	8
*	16"	17.80	7"	8
*			10"	8
*			16"	8
*			24"	8
*	18"	19.50	7"	10
*			10"	10
*			16"	10
*			24"	10
*	18"	19.92	7"	10
*			10"	10
*			16"	10
*			24"	10
*	20"	21.60	7"	10
*			10"	10
*			16"	10
*			24"	10
*	20"	22.06	7"	10
*			10"	10
*			16"	10
*			24"	10
*	24"	25.80	7"	12
*			10"	12
*			16"	12
*			24"	12
*	24"	26.32	7"	12
*			10"	12
*			16"	12
*			24"	12



## SMITH BLAIR 411 BOLTED COUPLING

## 411 BOLTED COUPLINGS

## 525 ADAPTER GASKETS

525 Adapter Gaskets can be used on 411 small diameter ( 1/2"-2") bolted coupling. Bolts will need to be removed to replace the gasket

## ADAPTER GASKETS FOR CTS

JABO #	NOMINAL	NOTES
	SIZE (inches)	
073-00398	1/2"	<i>GASKETS CAN BE USED ON 411 BOLTED COUPLINGS TO CONVERT TO CTS</i>
073-00342	3/4"	
073-00346	1"	
073-00350	1-1/4"	
073-00354	1-1/2"	
073-00358	2"	



# JABO SUPPLY



**905 HUGGER COUPLING**



**995 HUGGER COUPLING**



**99 ROUSTABOUT COUPLING**

# VICTAULIC COUPLINGS

# VICTAULIC COUPLINGS

## VICTAULIC COUPLINGS

### 905 HUGGER



VICTAULIC COUPLING	
<b>JABO PART#</b>	
070-93320	2"
*	2-1/2"
070-93330	3"
070-93340	4"
*	5"
070-93360	6"
070-93380	8"
070-93381	10"
070-93382	12"
*	14"
AVAILABLE 2-14" IPS LARGER 14" SEE 995	
DESIGNED FOR PLAIN END HDPE SDR 7-SDR 26	
PSI RATING MEETS OR EXCEEDS CAPACITY OF THE PIPE	
<b>REPLACES THE 995 HUGGER COUPLING</b>	

### 995 HUGGER



VICTAULIC COUPLING	
070-93010	14"
070-93020	16"
070-93030	18"
070-93035	20"

SMALLER SIZES SEE 905

### 99 ROUSTABOUT



VICTAULIC COUPLING	
	<b>SIZE</b>
070-93100	1-1/2"
070-93110	2"
070-93120	2-1/2"
070-93130	3"
070-93150	4"
070-93160	5"
070-93170	6"
070-93180	8"
070-93190	10"
070-93200	12"
070-93210	14"
070-93220	16"
070-93240	18"
AVAILABLE 1-18"	
STEEL PIPE PLAIN END	
PRESSURES 750 PSI	
NOT DESIGNED FOR PLASTIC PIPES	



# JABO SUPPLY



## GALVANIZED COMPRESSION COUPLINGS

## GALVANIZED COMPRESSION COUPLINGS



# Compression Coupling

# 525

## IMPORTANT LINKS

Click appropriate words to go to:

[Standard Limited Warranty](#)

[Sales Terms & Conditions](#)

[Freight Policy](#)

[Returns Policy](#)

[Corrosion & Product Selection Notice](#)



**THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT.** Proper anchoring is required to prevent pipe pullout. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, or death. Read the product installation instructions prior to installing this product.

**Description:** A ductile or malleable iron coupling with threaded ends that seal to the pipe when turned.

**Application:** Joining plain end pipe of the same diameter.

### Key Features:

- Stab fit for easier installation
- Galvanized finish for additional corrosion resistance
- Ductile or malleable iron metal parts for strength and corrosion resistance
- May be used in most water, wastewater and industrial applications
- Wrench flats on the nuts and sleeve help with holding the coupling during tightening
- The retainer cup holds the gasket in place and concentrates gasket compression where it is needed most
- The compression coupling may be used in conjunction with Smith-Blair adapter gaskets to join Copper pipe
- Protected gasket extends the life of the gasket and provides electrical continuity between the pipe and the coupling
- Deflection of 2° per end allows for pipe movement and installation on pipe that is not perfectly aligned

### Materials Specifications (subject to change):

SLEEVE: Ductile Iron or malleable iron

GASKET

COMPRESSION NUT: Ductile Iron or malleable iron

FINISH: Galvanized

NOTE: Product not recommended for natural gas service.

**Working Pressure:** Up to 150 PSI

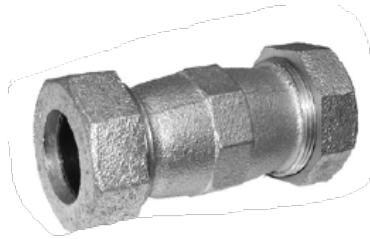
**Pipe Applications:** PVC, Copper (with adapter gasket), Steel

**Sizes (in inches):** ½, ¾, 1, 1¼, 1½, 2

# GALVANIZED COMPRESSION COUPLINGS

## GALVANIZED COMPRESSION COUPLINGS

### 525 COMPRESSION COUPLINGS

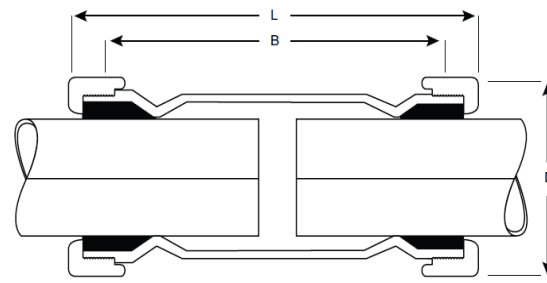


#### COUPLINGS FOR IPS

JABO #	NOMINAL	OD (inches)
	SIZE (inches)	(inches)
073-23326	1/2"	0.84
073-23330	3/4"	1.05
073-23334	1"	1.32
073-23338	1-1/4"	1.66
073-23342	1-1/2"	1.9
073-23346	2"	2.375

#### Dimensional Chart

NOM. PIPE SIZE INCHES	PIPE OD INCHES	DIMENSION INCHES		
		B	D	L
1/2	0.840	3.35	1.68	4.13
3/4	1.050	3.62	1.94	4.33
1	1.315	4.00	2.21	4.53
1 1/4	1.660	4.00	2.61	4.72
1 1/2	1.900	4.00	2.94	4.92
2	2.375	4.44	3.56	5.31



### 525 ADAPTER GASKETS

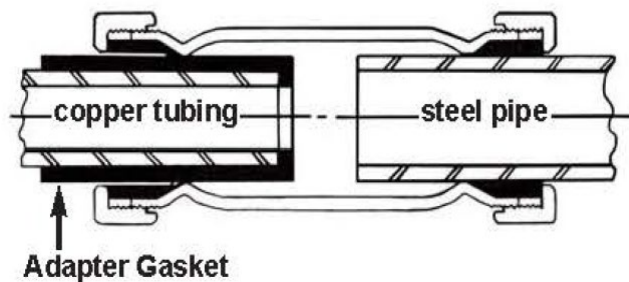
ADAPTS FROM IPS TO CTS

#### Adapter Gaskets

NOM. PIPE SIZE INCHES	U.S.	
	STEEL PIPE O.D. INCHES	COPPER TUBING O.D. INCHES
1/2	0.84	0.63
3/4	1.05	0.88
1	1.32	1.13
1 1/4	1.66	1.38
1 1/2	1.90	1.63
2	2.38	2.13

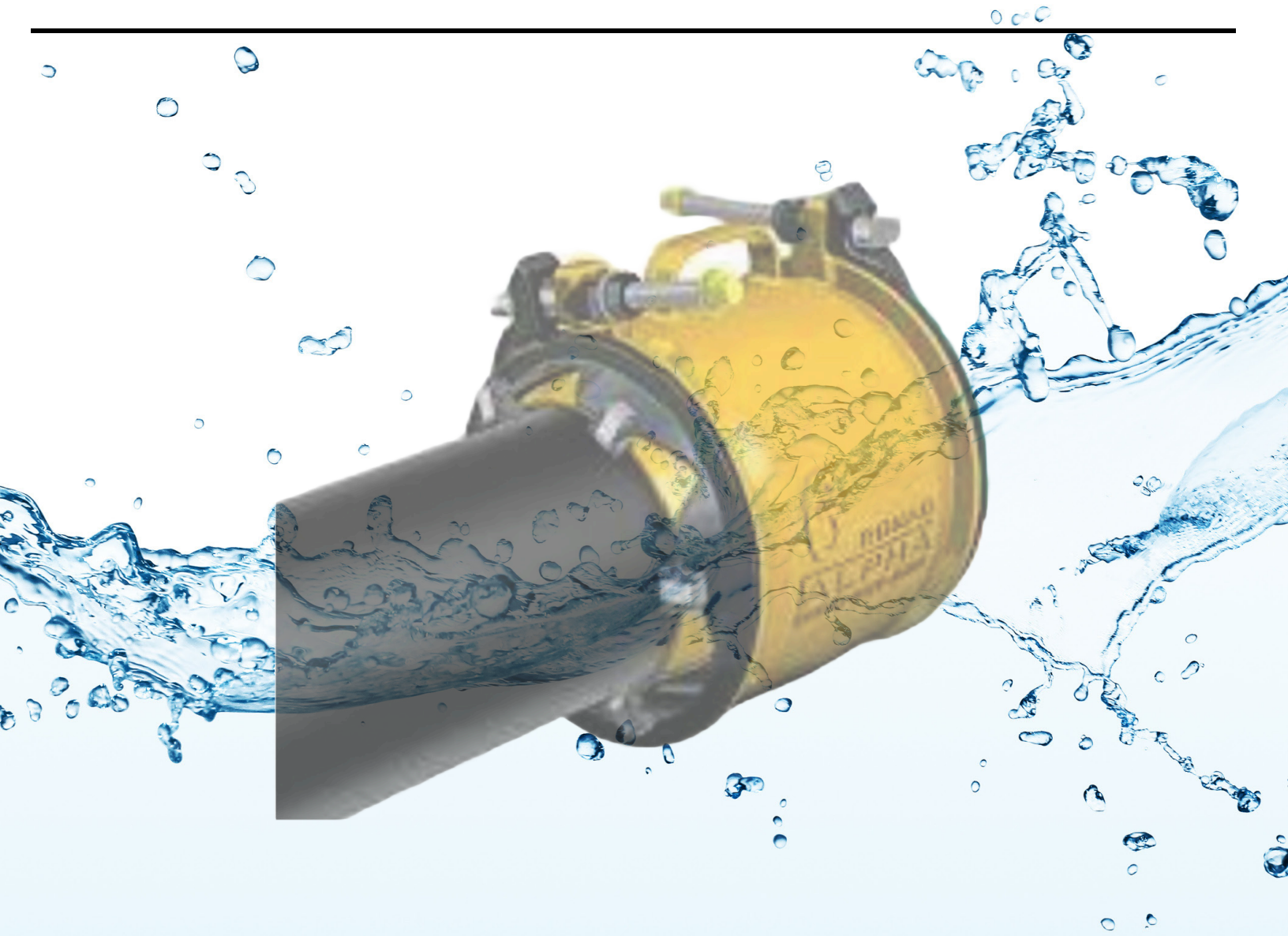
#### ADAPTER GASKETS FOR CTS

JABO #	NOMINAL	NOTES
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073-00354	1-1/2"	
073-00358	2"	





# JABO SUPPLY



## ROMAC ALPHA COUPLINGS

## ALPHA ROMAC COUPLINGS

## ROMAC ALPHA COUPLINGS

Call Jabo supply for all your Romac Alpha Coupling needs.  
Alpha Couplings are non -stock

**ALPHA**

Wide range pipe coupling with built-in restraint.

**Nominal Sizes**

4 - 12 inches, 16 inches

**Working Pressure**

Up to 350 psi

**Pipe Compatibility**

Ductile Iron, Cast Iron, PVC and HDPE pipe

**ALPHA EC**

Wide range pipe end cap with built-in restraint.

**Nominal Sizes**

4 - 12 inches, 16 inches

**Working Pressure**

Up to 350 psi

**Pipe Compatibility**

Ductile Iron, Cast Iron, PVC and HDPE pipe

## ALPHA ROMAC COUPLINGS

## ROMAC ALPHA COUPLINGS

**ALPHA FC**

Wide range flange coupling adapter with built-in restraint.

**Nominal Sizes**

4 - 12 inches

**Working Pressure**

Up to 350 psi

**Pipe Compatibility**

Ductile Iron, Cast Iron, PVC and HDPE pipe

**ALPHA TEE**

Wide range restrained fitting.

**Nominal Sizes**

6 - 12 inches

**Working Pressure**

Up to 350 psi

**Pipe Compatibility**

Ductile Iron, PVC and HDPE pipe

# ALPHA ROMAC COUPLINGS

## ROMAC ALPHA COUPLINGS

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### **ALPHA 45**

Wide range 45° restrained fitting.

**Nominal Sizes**

4 - 12 inches

**Working Pressure**

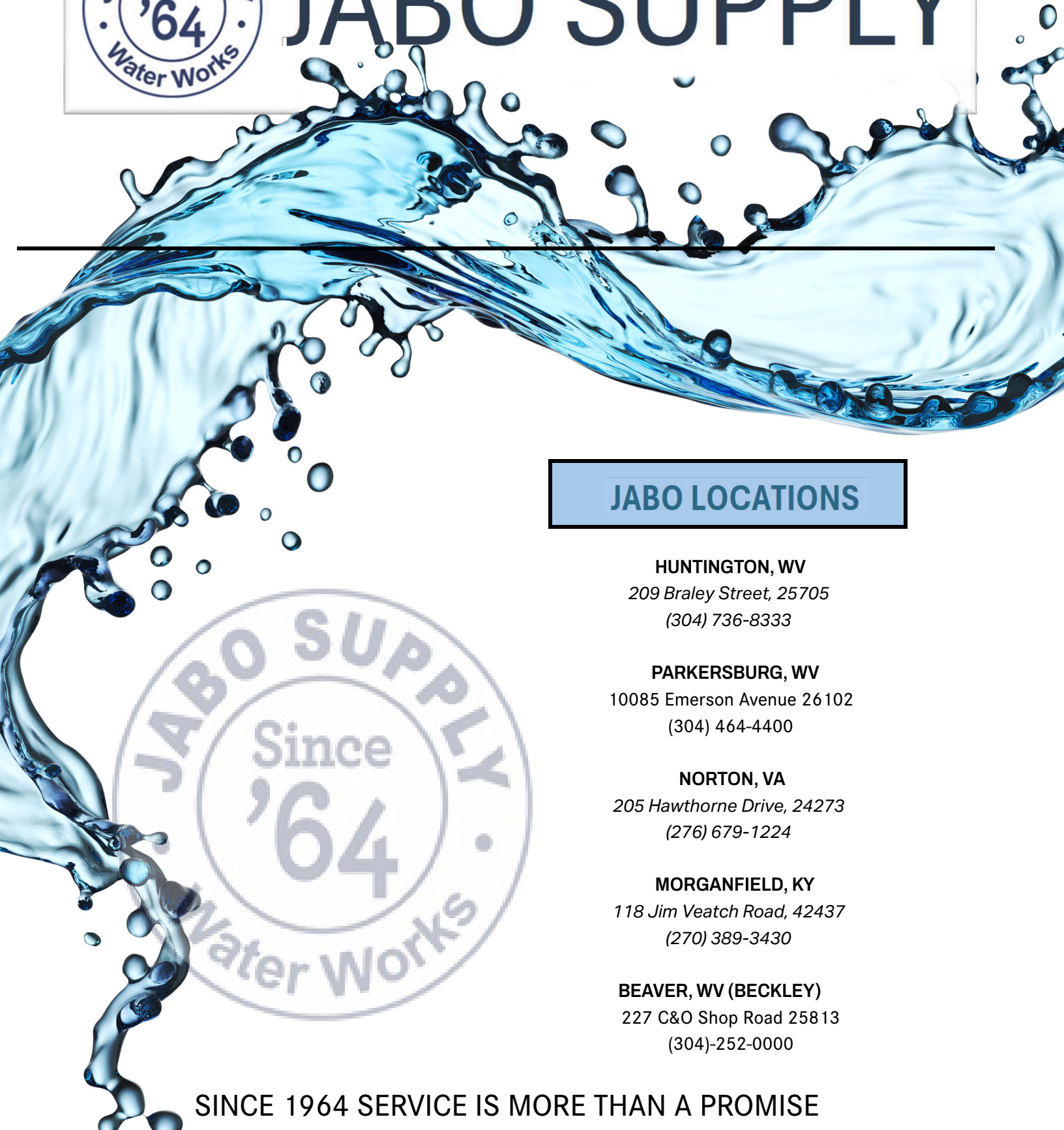
Up to 350 psi

**Pipe Compatibility**

Ductile Iron, PVC and HDPE pipe



# JABO SUPPLY



## JABO LOCATIONS

### HUNTINGTON, WV

209 Braley Street, 25705  
(304) 736-8333

### PARKERSBURG, WV

10085 Emerson Avenue 26102  
(304) 464-4400

### NORTON, VA

205 Hawthorne Drive, 24273  
(276) 679-1224

### MORGANFIELD, KY

118 Jim Veatch Road, 42437  
(270) 389-3430

### BEAVER, WV (BECKLEY)

227 C&O Shop Road 25813  
(304)-252-0000

SINCE 1964 SERVICE IS MORE THAN A PROMISE