

Maxi-Grip EZB Line Cap Couplings for Gas Service

Maxi-Grip EZB Features

- **Universal Application** - Maxi-Grip[®] EZB is designed to seal and grip independently in all applications, including anchored or abutted steel, plastic or cast iron pipe.
- **Economical** - No welding or strapping to secure coupling to line.
- **Re-usable** - May be used as a temporary "night cap".
- **Versatile** - Provided with 1" NPT vent with plug for pressure testing and purging.
- **Corrosion Protection** - Epoxy coated under carefully controlled factory conditions.



Smith-Blair's Maxi-Grip EZB Line Cap Couplings are designed with built-in gripping members to prevent coupling movement under pressure without strapping or blocking. They provide maximum seal and maximum restraint.

Material Specifications

MIDDLE RINGS:	STEEL: AISI C-1010 ERW, ASTM A513. Hydrostatically or Eddy Tested or ASTM A53 or ASTM A283 Grade C.	GASKETS: *Conductive:	Durometer: 70-78 Shore A Tensile: 2,175 PSI, Min. Elongation: 200% Min. Compression Set - ASTM D395-Method B: 10% Max.
FOLLOWERS:	STEEL: Hot rolled. AISI C1008 to C1010, ASTM A569. Ductile Iron: ASTM A536 65-45-12	*Insulating:	Durometer: 70-80 Shore A Tensile: 1,500 PSI, Min. Elongation: 250% Min. Compression Set - ASTM D395-Method B: 25% Max.
LOCKING PLATES:	STEEL: Hot rolled, vented w/ plug.		Electrical Resistance: Min. 10,000 MegOhms, 5 PSI Pressure, 500 Volts
PLUG:	ASME B16.14.		Resistance To: Natural Gas, Natural Gas Odorants, Carbon Dioxide, Water, UV and Ozone.
GRIPPING BAND:	1. IPS: Steel-AISI C-1010-ASTM A569 ERW or ASTM A513 or ASTM A36 2. CIPS: Stainless Steel Pipe (welded) Type 304 ASTM A312 or stainless steel strip AISI 304.	WAVE SPRING: (10" Only)	Steel-AISI C1080 Spring Temper.
PRESSURE RING:	1. IPS: Hot rolled - AISI C-1010-ASTM A569. 2. CIPS: Stainless Steel-AISI 304.		
INSULATORS:	FOLLOWER: High strength Nylon BOOT: Polypropylene. SPACER: PVC.		
FINISH:	Fusion bonded epoxy coating.		

Material specifications are subject to change.



Maxi-Grip EZB Line Cap Couplings

IPS Steel and Plastic Pipe - (1" NPT Fem.) - Made with Blind End Flange*

Pipe		Catalog Number	M Ring	Bolts		Wt.
Nominal Size Inches	O.D.		Thickness & Length	No.	Size	
2	2.375	EZB2BVUMG	.156 x 5	3	5/8 x 9	14
3	3.500	EZB3BVUMG	.156 x 5	4	5/8 x 9	16
4	4.500	EZB4BVUMG	.190 x 5	4	5/8 x 9	20
6	6.625	EZB6DVUMG	.250 x 5	6	5/8 x 9	37
8	8.625	EZB8BVUMG	.250 x 5	6	5/8 x 9	58
10	10.750	EZB10VUMG	.250 x 7	12	5/8 x 11	118
12	12.750	EZB12DVUMG	.250 x 7	16	5/8 x 11	140

Cast Iron Pipe - Vented (1" NPT Fem.) - Made with Blind End Flange*

Pipe		Catalog Number	M Ring	Bolts		Wt.
Nominal Size Inches	O.D.		Thickness & Length	No.	Size	
2	2.50	EZB25BVUMG	.156 x 7	3	5/8 x 11	19
2 1/4	2.75	EZB27BVUMG	.156 x 7	3	5/8 x 11	19
3	3.80	EZB38BVUMG	.190 x 7	4	5/8 x 11	21
4	4.80	EZB48BVUMG	.190 x 7	4	5/8 x 11	22
6	6.90	EZB69BVUMG	.250 x 7	6	5/8 x 11	42
6 O.S.	7.10	EZB71BVUMG	.250 x 7	6	5/8 x 11	42
8	9.05	EZB90BVUMG	.250 x 7	8	5/8 x 11	67
8 O.S.	9.30	EZB93BVUMG	.250 x 7	8	5/8 x 11	67
12	13.20	EZB132DVUMG	.250 x 7	16	5/8 x 11	140

Note: All caps are supplied with plugs.

Insulated IPS Versions Available 2" - 8"

*Caps cannot be converted to Standard Seal and Restraint Couplings.

Sales and Manufacturing Facility Smith-Blair

30 Globe Ave.
Texarkana, AR 71854
Phone: 870-773-5127
800-643-9705
Fax: 870-773-5212
800-648-6792
www.smith-blair.com