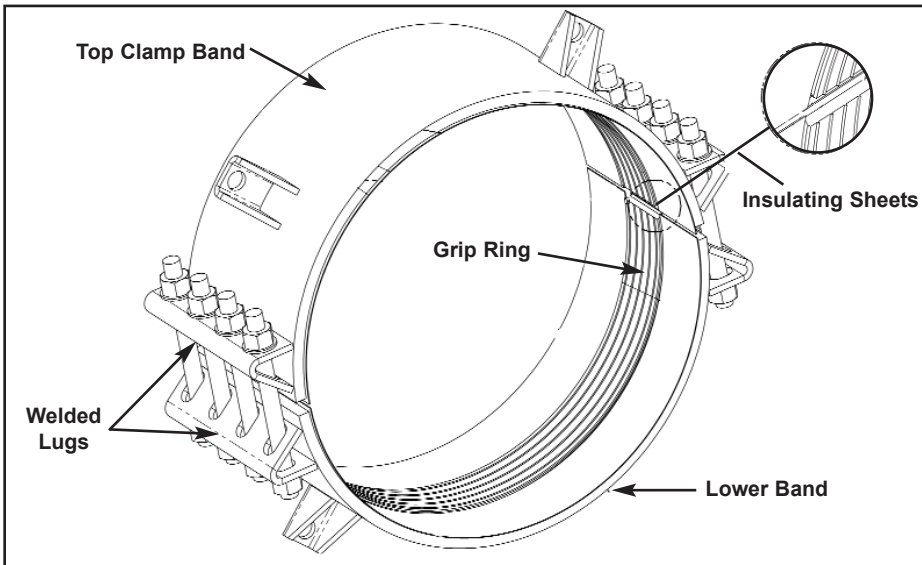




EBR Insulated Restraint and Line Cap

For use on Cast Iron pipe only



Smith-Blair's EBR is an external restraint device developed for large diameter cast iron pipe as a safer alternative than thrust blocks for preventing pipe pull out.

To prevent internal pressure from dislodging seal only couplings or line (end) caps, the standard practice has been to install concrete thrust blocks. This can be problematic if a third party is excavating in the area and unknowingly destabilizes the soil around the

thrust block. The EBR alleviates this problem by using Maxi-Grip EZ restraining technology to grip the pipe. The EBR can resist forces generated by up to 60 PSIG line pressure and is available for up to 24" cast iron pipe.

The EBR is electrically insulated from the cast iron pipe, preventing dissimilar metal interactions and making more effective cathodic protection. A polypropylene liner secures the isola-

tion of the carbon and stainless steel components from the cast iron pipe. The only part of the EBR in direct contact with the pipe is a set of stainless steel jaw bands designed to grip the pipe, preventing thrust movement.

Smith-Blair also offers line cap couplings with pre-welded lugs sets on the sleeve of the cap to match up to the EBR pattern. This eliminates the need for field welding and ensures the integrity of the epoxy coating.

Nom. Size Inches	O.D. Inches	Insulated Restraint Band Catalog Number†	List Price	Insulated Line Cap Catalog Number*	List Price
10	11.10	EBR11.1L4	P.O.A.	EB11.1_VL4	P.O.A.
12	13.20	EBR13.2L4	P.O.A.	EB13.2_VL4	P.O.A.
14	15.30	EBR15.3L4	P.O.A.	EB15.3_VL4	P.O.A.
16	17.40	EBR17.4L4	P.O.A.	EB17.4_VL4	P.O.A.
18	19.50	EBR19.5L4	P.O.A.	EB19.5_VL4	P.O.A.
20	21.60	EBR21.6L4	P.O.A.	EB21.6_VL4	P.O.A.
24	25.80	EBR25.8L4	P.O.A.	EB25.8_VL4	P.O.A.

†Insulated Restraint Bands have a 60 PSI MOAP restraint rating in all sizes.
*For Insulated Endcaps, using the chart on the left, replace the _ in the part number with the appropriate code for the cap pressure and sleeve thickness desired.

Cap Pressure Rating & Sleeve Thickness**	Cap Pressure Rating & Sleeve Thickness Code
.38" Sleeve x 50 PSI MAOP	D
.50" Sleeve x 50 PSI MAOP	E
.38" Sleeve x 60 PSI MAOP	G
.38" Sleeve x 25 PSI MAOP	H

** .25" sleeve thickness is not available. Sleeves are 7" long.

OTHER RATINGS AVAILABLE

Bolt Size	Bolt Catalog Number*	List Price Each
7/8" x 30" long rods with nuts	10100090594295	P.O.A.
7/8" x 44" long rods with nuts	10100090591295	P.O.A.
7/8" x 24" long rods with nuts	10100090603295	P.O.A.

*Four bolts per EBR assembly are required and must be ordered separately.

For Maxi-Grip EZ products, see page 60.