

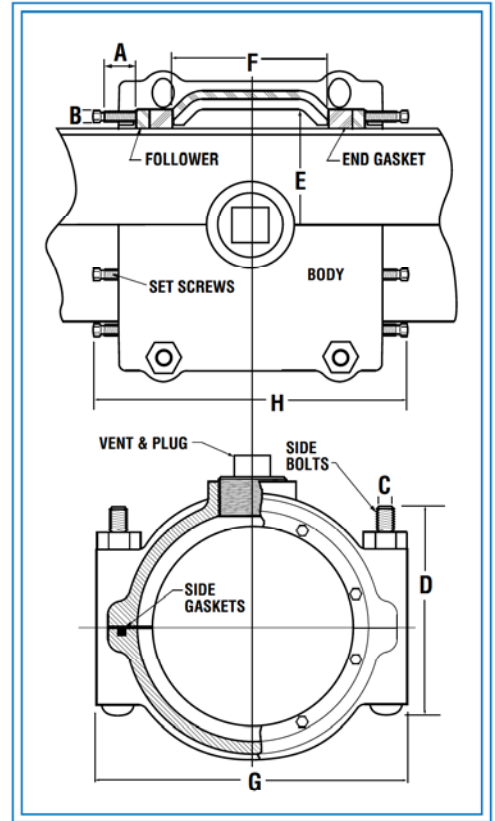
Style 80 Repair Sleeve



Dresser Style 80 "Ready-Pack" Split Sleeves are used to enclose and permanently repair breaks, splits and holes in cast iron pipe. Style 80 sleeves can also be used as an efficient, low-cost tapping sleeve for connecting new branch service outlets.

Style 80 sleeve bodies are cast from close-grained gray iron (malleable iron in 2" size). Steel follower rings on each end are completely enclosed in the sleeve body. When carbon steel set screws are tightened, they're drawn up against the follower rings which compresses the gasket creating total circumferential sealing on the pipe. Side bolts, which are fully enclosed within the sleeve body to prevent corrosion, are tightened to compress side gaskets providing a complete leakproof pipe repair.

Style 80 sleeves are also available in a long pattern design for a larger sealing area. Style 80 repair sleeves are recommended for all customary pressures where pipe wall thickness is in conformity with specifications for standard cast iron pipe.



Materials of Construction

Body: Cast or Malleable Iron

Vent Plug: Forged steel to ASTM A105 or Cast to ASTM A126-42 Class A

Follower Rings: Cold-formed Carbon Steel

Bolts & Nuts: Alloy to AWWA C111/ANSI A21.11

Gaskets: Dresser Spec 328 Kevlar™ Reinforced Rubber

Set Screws: Heat treated carbon steel, cadmium plated

Coating: Dresser shopcoat as standard; Fusion-bonded Epoxy optional

Style 80 Ready-Pack Repair Sleeve

Specifications for Sizes 3" thru 8" (Regular Pattern Body for 3, 4 and 6" sizes)

CIP Nominal Size (In)	Range of Fit Outside Diameter (OD)	End Screws Number Diam. x Length A & B	Side Bolts Number Diam. x Length C & D	End Gaskets Section Dimensions	Side Gaskets Section Dimensions	Inside Dimensions ¹		Overall Dimensions		Vent Size Diam. (In.)	Weight Ship. Each (Lbs.)
						Diam. (E)	Length (F)	Diam. (G)	Length (H)		
3	3.75 - 4.00	12 - 3/8 x 1	4 - 5/8 x 5-1/2	5/8 x 3/4	5/16 x 1/2	5-5/32	4	7-15/16	9-3/8	3/4 thru 2.5	40
4* (4" Long)	4.74 - 4.99	12 - 3/8 x 1	4 - 5/8 x 5-1/2 2 - 5/8 x 5-1/2	5/8 x 3/4	5/16 x 1/2	6-5/32	4	8-15/16	9-3/8 12-1/2	3/4 thru 3	45 52
6* (6" Long)	6.84 - 7.09	16 - 3/8 x 1	4 - 5/8 x 6-1/2 2 - 5/8 x 5-1/2	5/8 x 3/4	5/16 x 1/2	8-1/4	4	11-1/16	9-5/16 12-1/2	3/4 thru 3	60 74
8** LONG	8.99 - 9.24	20 - 3/8 x 1	4 - 5/8 x 7-1/2 2 - 5/8 x 5-1/2	5/8 x 13/16	5/16 x 1/2	10-13/32	7	14-3/8	12-1/2	3/4 thru 4	100

¹ - Inside Dimension "F" as indicated in cross section drawing above, is distance between inside of end gaskets. This length is equal to or greater than found between caulking spaces in foundry splits. (RE: As shown in AGA Standards Specifications for Service Sleeves).

***Sizes 4" and 6" Sleeves** are available in both regular and long pattern body design. Consult factory for all long pattern size specification details.

****Size 8" Sleeve** is available in long pattern design only, with six side bolts and vent sizes up to 4".