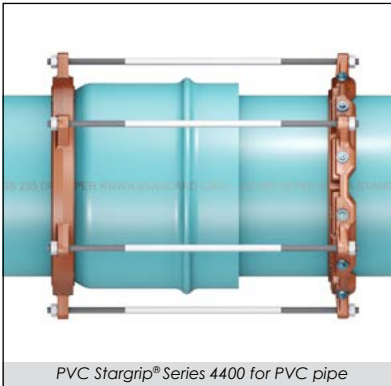




PVC Stargrip® series 4400

Wedge Action Bell Restraint for AWWA C905 PVC Pipe Joints (CI OD)
New Installations Only



PVC Stargrip® Series 4400 for PVC pipe

SUBMITTAL INFORMATION

PROJECT NAME:

ENGINEER:

CONTRACTOR:

SPEC. SECTION:



FEATURES & ADVANTAGES

- For use on ANSI/AWWA C905 CI OD PVC pipe
- For new push-on pipe bell installations only
- The restraint system includes a modified PVC Stargrip®, a solid harness ring, nuts, and double-ended rods.
- The bolt circle diameter for the modified PVC Stargrip® is larger to allow extra clearance.
- By using larger diameter rods, fewer rods are needed to achieve its rated pressure. This results in less hardware to assemble.
- Please refer to the chart on the next page for the maximum bell outside diameter that the rods can clear.
- The safety factor is twice (2:1) the product pressure rating (see chart on next page).
- The standard color for the rings is Coral Red (RAL 3016).

MATERIAL SPECIFICATIONS:

- Gland: Ductile Iron per ASTM A536, Grade 65-45-12
- Wedges and Actuating Bolts: Ductile Iron per ASTM A536, Grade 65-45-12
 - ◆ Wedge Finish: Thermally cured fluoropolymer epoxy coating

GLAND FINISH OPTIONS (Please check one):

- Standard: alkyd enamel coating
- Optional: Starbond™ TGIC polyester powder coating applied by an electrostatic spray process
- Optional: Other (specify) _____

HARDWARE OPTIONS (Please check one):

- Standard: Restraint rods and nuts are high strength low alloy steel manufactured in accordance with ANSI/AWWA C111/A21.11
- Optional: Restraint rods and nuts are SS 304 per ASTM F593
- Optional: Restraint rods and nuts are SS 316 per ASTM F593
- Optional: Restraint rods and nuts are high strength low alloy steel manufactured in accordance with ANSI/AWWA C111/A21.11 and are coated with Star-Blue Fluoropolymer.

STAR® PIPE PRODUCTS

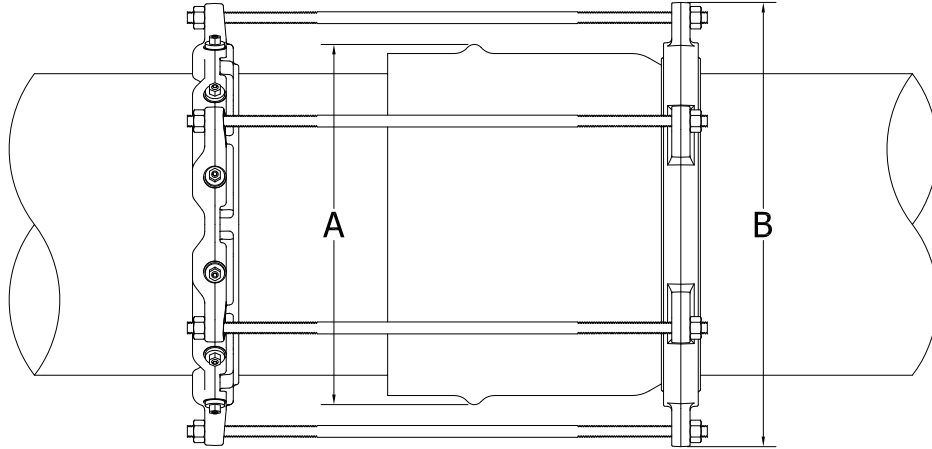




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Wedge Action Bell Restraint for AWWA C905 PVC Pipe Joints (CI OD)
New Installations Only

TECHNICAL INFORMATION



PVC STARGRIP® 4400 SPECIFICATIONS*						
NOM. SIZE	C905 CI OD	RODS (QTY)	ROD DIA x LENGTH	MAX. BELL "A" OD	MAX. RESTRAINT OD "B"	APPROX WT. (LBS)
14	15.30	5	1 x 26	20.38	23.26	109
16	17.40	6	1 x 26	22.75	25.63	134
18	19.50	6	1 x 26	24.88	27.76	145
20	21.60	7	1 x 26	27.13	30.01	171
24	25.80	8	1 1/4 x 32	31.63	35.01	265
30	32.00	10	1 1/4 x 42	39.25	42.88	409
36	38.30	12	1 1/4 x 42	46.13	49.76	497

Please check sizes:

*All dimensions in inches except where indicated. See next page for installation instructions.

MAXIMUM WORKING PRESSURE RATING WITH OCCASSIONAL & RECURRING SURGES				
NOM. SIZE (IN)	C905			
	DR18	DR21	DR25	DR32.5
14	235	200	165	125
16	235	200	165	125
18	235	200	165	125
20	235	200	165	125
24	200	200	165	125
30			165	125
36			125	125

STAR® PIPE PRODUCTS