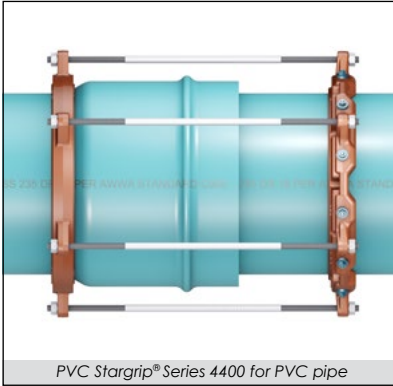




# PVC Stargrip® series 4400

Wedge Action Bell Restraint for AWWA C900 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 C900 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

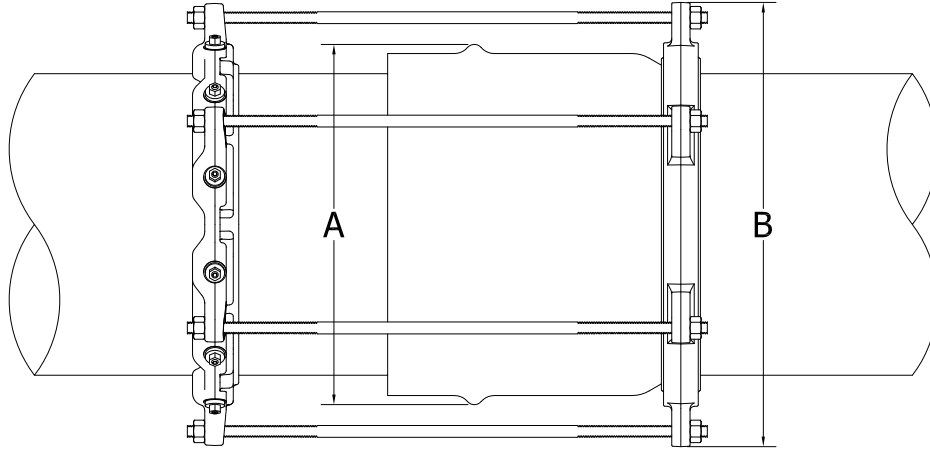




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Wedge Action Bell Restraint for AWWA C900 PVC Pipe Joints (CI OD)  
New Installations Only

**TECHNICAL INFORMATION**



PVC STARGRIP® 4400 SPECIFICATIONS*						
NOM. SIZE	C905 CI OD	RODS (QTY)	ROD DIA x LENGTH	MAX. BELL "A"	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)	C900								
	DR14	DR17	DR18	DR21	DR25	DR27.5	DR32.5	DR41	DR51
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