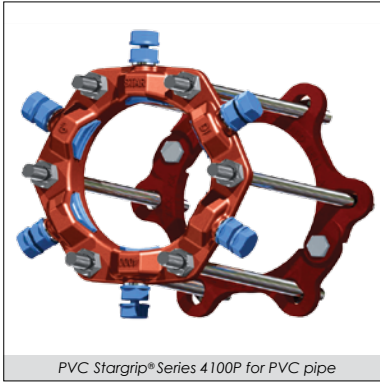




# PVC Stargrip® series 4100P

Wedge Action Restraint for AWWA C900/C905 PVC Pipe Bells  
New Installations Only



PVC Stargrip® Series 4100P for PVC pipe

### SUBMITTAL INFORMATION

PROJECT NAME:

ENGINEER:

CONTRACTOR:

SPEC. SECTION:



### FEATURES & ADVANTAGES

- The design eliminates tie rods and thrust blocks and has been proven in the market since 1992.
- Can be used on 4"-12" AWWA C900, 14"-36" AWWA C905 PVC pipe.
- The safety factor is twice (2:1) the standardized pressure rating listed on Page 18.
- Double headed torque limiting bolts utilize 1¼" wrench size on both hex heads.
- Larger ID allows easier installation on out-of-round pipe.
- Torque limiting bolts are designed with collars so that a wrench won't slip off the bottom for easier installation and so you won't over torque and damage PVC pipe.
- All sizes have curved wedges that will not flatten pipe.
- For use on C909 pipe, please contact Star Engineering.

### MATERIAL SPECIFICATIONS:

- Gland: Ductile Iron per ASTM A536, Grade 65-45-12
- Wedges: Ductile Iron per ASTM A536, Grade 65-45-12 heat treated to a minimum of 370 BHN
  - ♦ Wedge Finish: Fluorocarbon Star-Blue resin bonded coating, thermally cured dry lubricant

#### GLAND FINISH OPTIONS (Please check one):

Standard: Star Multi-Coat™ 2-phase coating process consisting of a zinc rich primer base coat and an alkyd enamel top coating

Optional: Starbond™ TGIC polyester powder coating applied by an electrostatic spray process

Optional: Other (specify) \_\_\_\_\_

#### HARDWARE OPTIONS (Please check one):

Standard: T-bolts are high strength low alloy steel manufactured in accordance with ANSI/AWWA C111/A21.11-00

Optional: T-bolts and nuts alloy SS 304 per ASTM F593

Optional: T-bolts and nuts alloy SS 316 per ASTM F593

Optional: T-bolts and nuts Fluoropolymer Star-Blue coated high strength low alloy steel manufactured in accordance with ANSI/AWWA C111/A21.11-00

#### COUNTRY OF ORIGIN OPTION (Please check one):

Import

Domestic



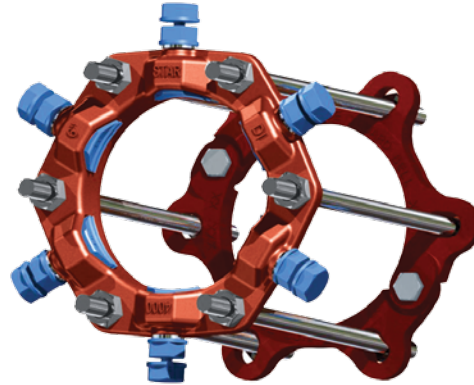
STAR® PIPE PRODUCTS



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## TECHNICAL INFORMATION



PVC STARGRIP® 4100P SPECIFICATIONS\*

*Please check sizes:*

NOM. SIZE	RODS (QTY)	ROD DIA x LENGTH	MAX. BELL OD	APPROX WT. (LBS)
4	4	3/4 x 17	6.62	24
6	6	3/4 x 17	8.62	34
8	6	3/4 x 17	10.88	42
10	8	3/4 x 24	13.12	61
12	8	3/4 x 24	15.38	70
14	8	3/4 x 24	17.88	121
16	10	3/4 x 24	20.12	144
18	10	3/4 x 24	22.38	161
20	12	3/4 x 24	24.62	189
24	14	3/4 x 30	29.12	250
30	18	1 x 40	35.75	470
36	22	1 x 40	42.62	576

\*All dimensions in inches except where indicated.

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