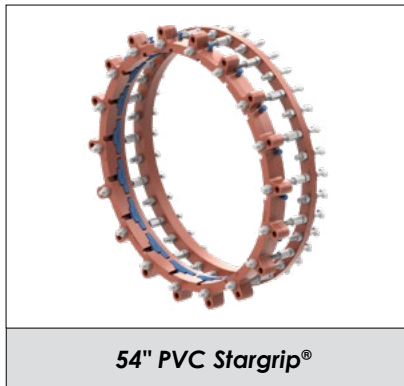




PVC Stargrip® series 4000

Mechanical Joint Wedge Action Restraint
for Plastic Pressure Pipe
Sizes 54" - 60"



54" PVC Stargrip®

SUBMITTAL INFORMATION

PROJECT NAME:

ENGINEER:

CONTRACTOR:

SPEC. SECTION:



FEATURES & ADVANTAGES

- Both sizes come with Restrainer Gland assembly, MJ Gland, High Pressure MJ Gasket and Fasteners.
- Safety factor is twice (2:1) the standardized pressure rating listed in Table A.
- Standard gland color is Coral Red and is made from high strength Ductile Iron per ASTM A536 Grade 65-45-12.
- Eliminates the need for tie rods and thrust blocks.
- Fewer wedges and lower wedge-bolt torque results in quicker and easier installation.
- The Restraint and MJ gland are designed with a larger inside diameter which allows restraint to be installed on pipe with ovality.
- Improved wedge bolt design prevents over torquing which can damage PVC pipe.
- Wedges are mechanically attached to wedge bolts, which eliminates the possibility of falling out during shipping and handling.
- US Patent# 9,822,910.

MATERIAL SPECIFICATIONS:

- Wedges: Ductile Iron per ASTM A536, Grade 65-45-12. Wedge coating is a thermally cured fluoropolymer epoxy.

GLAND FINISH OPTIONS (Please check one):

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

Other (specify) _____

HARDWARE OPTIONS (Please check):

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

Optional: T-bolts alloy SS 304 per ASTM F593;
Nuts alloy SS 304 per ASTM F594 CW

Optional: T-bolts SS 316 per ASTM F593;
Nuts SS 316 per ASTM A194 Grade 8M

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

COUNTRY OF ORIGIN OPTION (Please check one):

Import

STAR® PIPE PRODUCTS

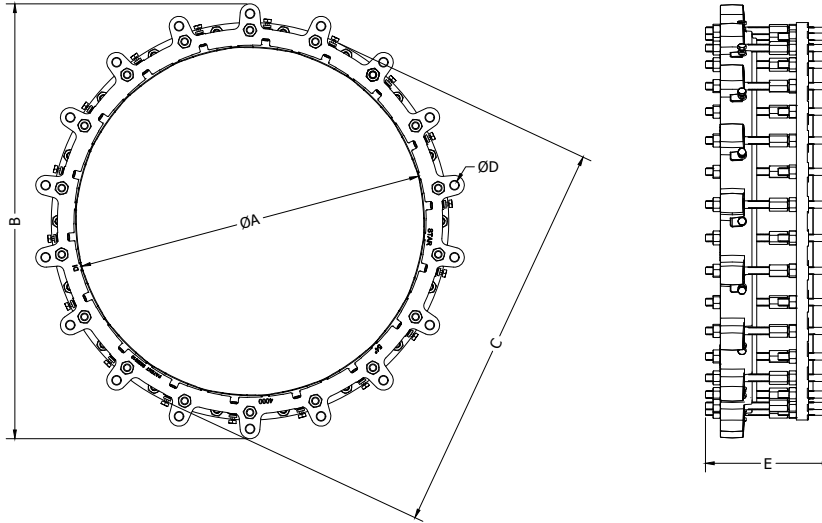




PVC Stargrip® series 4000

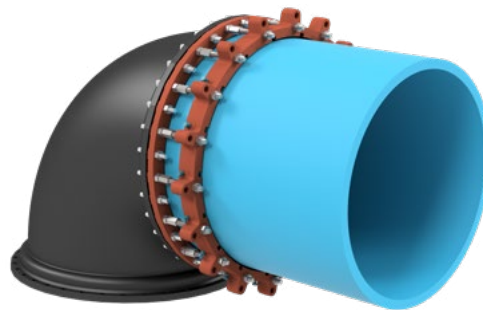
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TECHNICAL INFORMATION (SIZES 54"-60")



STARGRIP® 4000 SPECIFICATIONS* (SIZES 54"-60")									
NOM. SIZE	C900 PIPE CI OD	ØA	B	C ²	ØD	E	T-BOLT SIZE (QTY)	WEDGE (QTY)	APPROX WT. (LBS)
54	57.56	57.90	71.89	65.41	1- ³ / ₈	20.75	1 ¼ (36)	16	1,457
60	61.61	61.95	77.14	69.46	1- ³ / ₈	20.75	1 ¼ (36)	16	1,605

*All dimensions in inches except where indicated.
2 - dimension after assembly on pipe



54" PVC Stargrip® Series 4000

Table A. Maximum Working Pressure Rating with Occasional or Recurring Surges in PSI for Plastic Pipes Made to a CIOD Diameter Regimen

NOM. SIZE (IN)	AWWA C900 PVC			
	DR25	DR27.5	DR32.5	DR51
54	150	*	*	*
60	*	*	*	*

* Contact Star Pipe Products for details.

STAR® PIPE PRODUCTS