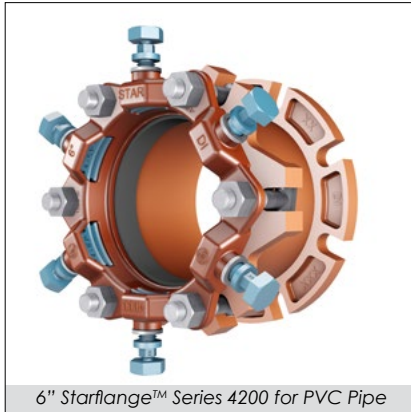




# StarFlange™ series 4200

Restrained Adapter Flange Coupling  
for PVC Pipe



6" Starflange™ Series 4200 for PVC Pipe

### SUBMITTAL INFORMATION

PROJECT NAME:

ENGINEER:

CONTRACTOR:

SPEC. SECTION:



### FEATURES & ADVANTAGES

- Provides flexibility to accommodate pipe misalignment
- No special tools required for installation
- Fully restrained to pressure rating as listed on page 60 of the catalog, with a 2:1 safety factor
- Pipe end does not need to be square cut.
- Flange meets ANSI Class 125/150 and ANSI/AWWA C115/A21.15 drill pattern.
- Can be used on 3" - 12" IPS PVC Pipe (**a transition MJ gasket is required with IPS pipe**)
- MJ gasket and O-ring flange gasket are made from styrene butadiene rubber (SBR) per ANSI / AWWA C111/ A-21.11.
- Includes PVC Stargrip®, Flange Adapter, MJ Gasket, O-Ring gasket and low alloy steel T-bolts
- StarFlange™ size 4"-12" are listed with Underwriters Laboratories Inc. and approved by Factory Mutual Research (FM) for use on DR18 Class 235 C900 PVC pipe at 150 PSI.

### 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: Thermally cured fluoropolymer epoxy coating
- O-Ring: Styrene butadiene rubber (SBR) per ANSI/AWWA C111/A-21.11
- Adapter: Ductile Iron per ASTM A536, Grade 65-45-12
  - Adapter Finish: Fusion Bond Epoxy (FBE) coating

### 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



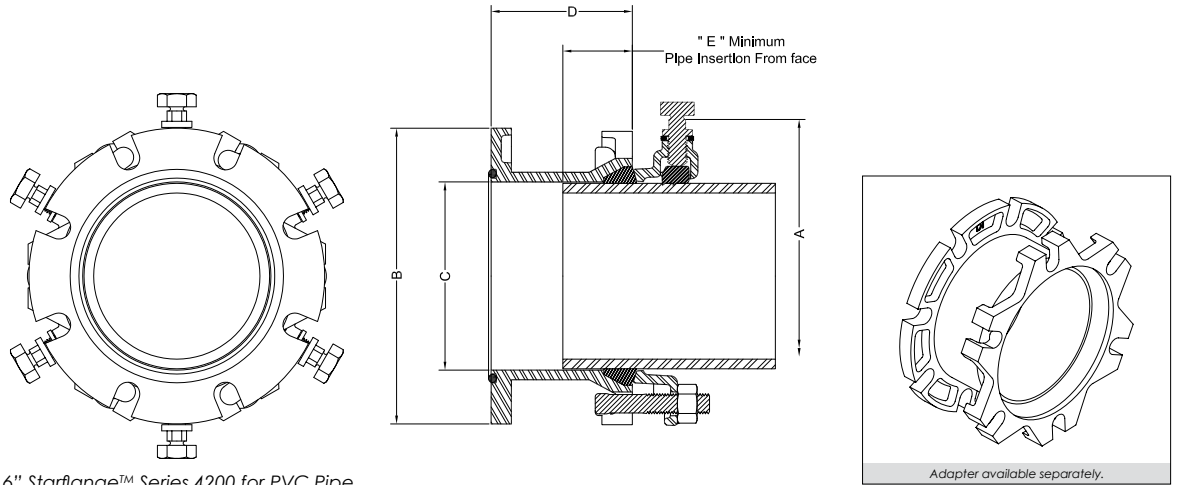
STAR® PIPE PRODUCTS



# StarFlange™ series 4200

Restrained Adapter Flange Coupling for PVC Pipe

## TECHNICAL INFORMATION



6" Starflange™ Series 4200 for PVC Pipe

Please check sizes:

STARFLANGE™ 4200 SPECIFICATIONS*									
NOM. SIZE	C900/C905 PIPE OD	IPS PIPE OD	A <sup>1</sup>	B	C	D	E	<sup>2</sup> MAXIMUM JOINT DEFLECTION°	APPROX. WT. (LBS)
3	N/A	3.50	8.50	7.50	4.06	3.88	2.13	5°	20
4	4.80	4.50	9.64	9.00	4.90	4.35	2.13	5°	27
6	6.90	6.63	11.72	11.00	7.00	5.25	2.50	5°	39
8	9.05	8.63	13.97	13.50	9.15	5.25	2.50	5°	52
10	11.10	10.75	16.18	16.00	11.20	5.62	2.50	3°	72
12	13.20	12.75	18.23	19.00	13.30	5.69	2.50	3°	92
14	15.30	N/A	20.36	21.00	15.44	6.67	3.00	2°	133
16	17.40	N/A	22.46	23.50	17.54	6.79	3.00	2°	164
18	19.50	N/A	24.56	25.00	19.64	7.40	3.00	1.5°	193
20	21.60	N/A	26.66	27.50	21.74	7.41	3.00	1.5°	227
24	25.80	N/A	30.86	32.00	25.94	7.90	3.00	1°	302
30	32.00	N/A	36.82	38.75	32.17	8.50	3.00	1°	494
36	38.30	N/A	43.12	46.00	38.47	9.00	3.00	1°	636

\*All dimensions in inches except where indicated.

1 - Dimension after assembly on pipe.

2 - Deflection attained at minimum pipe insertion.

NOM. SIZE (IN)	MAXIMUM WORKING PRESSURE RATING WITH OCCASIONAL & RECURRING SURGES									
	C900			C905				ASTM D2241		
	DR14	DR18	DR25	DR18	DR21	DR25	DR32.5	SDR17	SDR21	SDR26
3								250	200	160
4	305	235	165					250	200	160
6	305	235	165					250	200	160
8	305	235	165					250	200	160
10	305	235	165					250	200	160
12	305	235	165					250	200	160
14				235	200	165	125			
16				235	200	165	125			
18				235	200	165	125			
20				235	200	165	125			
24				235	200	165	125			
30						165	125			
36						165	125			

STAR® PIPE PRODUCTS

