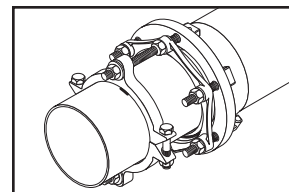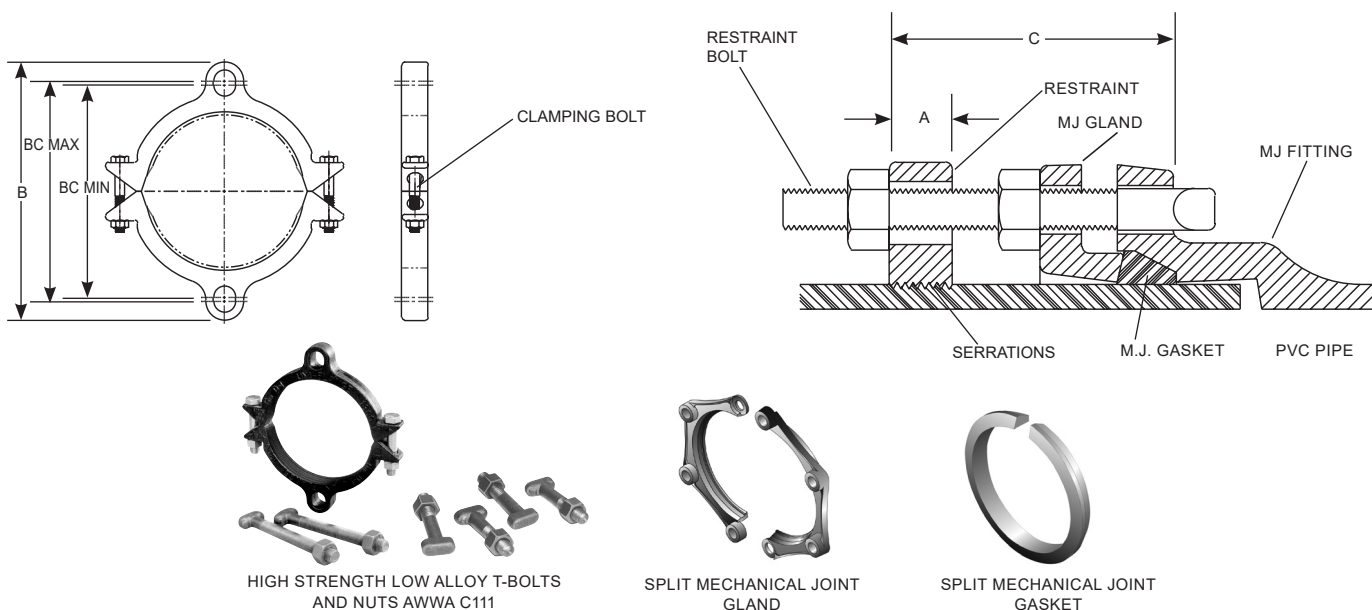# SUBMITTAL INFORMATION

Uni-Flange® Restraint - *(UFR1300-SAS-x-I style)*

SERIES 1300-SA 2"-12" RESTRAINT (WITH ACCESSORIES) FOR PVC PIPE OR HDPE PIPE

HIGH STRENGTH LOW ALLOY T-BOLTS AND NUTS AWWA C111

SPLIT MECHANICAL JOINT GLAND

SPLIT MECHANICAL JOINT GASKET

Nom. Pipe Size	OD (In.)	Catalog Number	A	B Approx.	C Max	Restraining Bolts / Rods		Clamping Bolts		BC Min	BC Max	Approx. Weight lbs.	✓ Submitted Items
						No.	Size	No.	Size				
2"	2.38	UFR1300-SAS-2-I	1-1/8"	6-3/8"	4"	2	5/8" x 5"	2	5/8" x 3-1/2"	4.38"	4.75"	6.3	
2-1/2"	2.88	UFR1300-SAS-25-I	1-1/8"	6 -7/8"	4"	2	5/8" x 5"	2	5/8" x 3-1/2"	5.13"	5.38"	6.5	
3"	3.50	UFR1300-SAS-3-I	1-1/8"	7-5/8"	4"	2	5/8" x 5"	2	5/8" x 3-1/2"	5.81"	6.19"	7.4	
4"	4.50	UFR1300-SAS-4-I	1-1/8"	9-1/8"	6"	2	3/4" x 7"	2	5/8" x 3-1/2"	7.13"	7.50"	8.5	
6"	6.63	UFR1300-SAS-6-I	1-1/8"	11-1/8"	6"	2	3/4" x 7"	2	5/8" x 3-1/2"	9.13"	9.50"	10.0	
8"	8.63	UFR1300-SAS-8-I	1-1/4"	14-7/16"	6"	2	3/4" x 7"	2	3/4" x 4"	11.75"	12.75"	15.5	
10"	10.75	UFR1300-SAS-10-I	1-3/8"	16-5/8"	6"	4	3/4" x 7"	2	7/8" x 5"	13.50"	15.00"	26.5	
12"	12.75	UFR1300-SAS-12-I	1-3/8"	19-1/4"	6"	4	3/4" x 7"	2	7/8" x 5"	15.63"	17.63"	28.5	

FEATURES

- Cast ductile iron per ASTM A536 grade 65-45-12
- Black e-coat epoxy coating (NSF 61 approved) with gray painted top coat for identification
- 360° contact and support of the pipe wall
- T-Bolts (included) - High strength, low alloy steel ANSI / AWWA C111 / A21.11
- Side Clamping Bolts and Nuts - Grade 5, zinc-plated
- Rated at full-rated pressure of any class of PVC pipe or HDPE (SDR 9 through SDR26 with the use of a proper insert stiffener); minimum 2:1 safety factor

Submitted By:

UNI-FLANGE

12/02/21