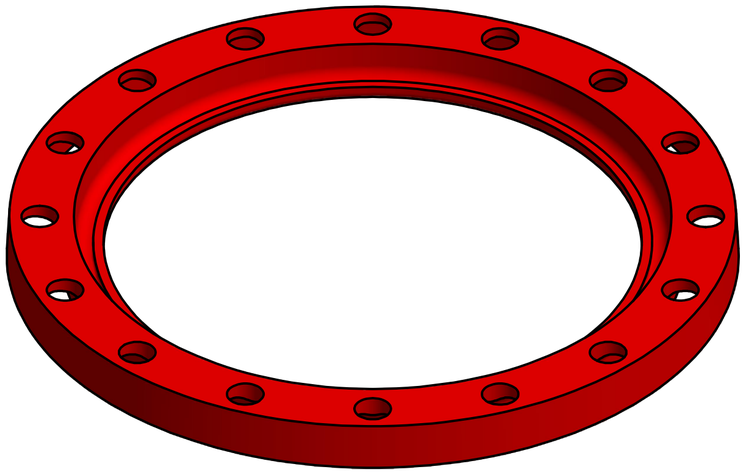
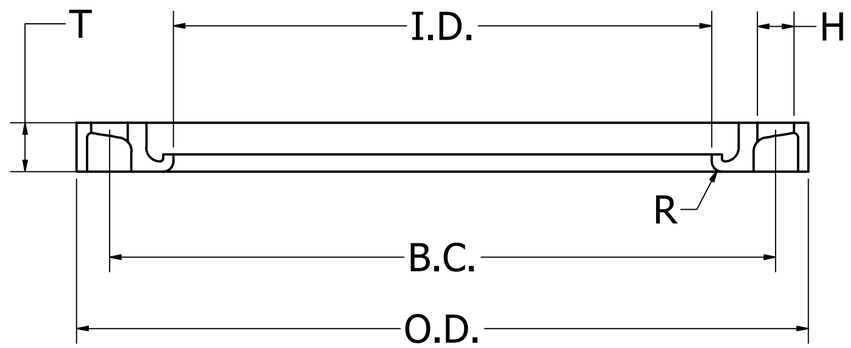
MATERIAL: ASTM A536 65/45/12
COATINGS: RED OXIDE PRIMER, EPOXY OR HOT DIP GALVANIZED

Dimensions											
Pipe Diameter (in)	SDR	O.D.	T	I.D.	Bolt Count	Bolt Hole Size (H)	Bolt Hole Circle (BC)	R	Weight (lbs)	Pressure Class (PC)	FM APPROVED
24"	7	32.000	2.500	24.375	20	1.375	29.500	0.310	103.2	335	FM(250psi)
24"	11	32.000	2.170	24.375	20	1.375	29.500	0.400	73.0	200	FM(200psi)
24"	17	32.000	1.950	24.375	20	1.375	29.500	0.500	58.9	125	N/A
26"	7	34.250	2.530	26.380	24	1.375	31.750	0.310	113.8	335	FM(250psi)
26"	11	34.250	2.380	26.380	24	1.375	31.750	0.310	106.0	200	FM(200psi)
26"	17	34.250	2.000	26.380	24	1.375	31.750	0.500	80.4	125	N/A
28"	9	36.500	2.600	28.380	28	1.375	34.000	0.500	123.6	250	N/A
28"	11	36.500	2.500	28.380	28	1.375	34.000	0.310	116.0	200	FM(200psi)
28"	17	36.500	2.300	28.380	28	1.375	34.000	0.500	103.7	125	N/A
30"	7	39.000	4.250	30.370	28	1.375	36.000	0.500	218.0	335	N/A
30"	11	38.750	2.600	30.380	28	1.375	36.000	0.310	123.0	200	FM(200psi)
30"	17	38.750	2.280	30.380	28	1.375	36.000	0.500	112.6	125	N/A
30"	26	38.750	2.060	30.380	28	1.375	36.000	0.500	105.6	80	N/A
32"	7	41.750	4.880	32.380	28	1.630	38.500	0.300	150.2	335	N/A
32"	11	41.750	2.750	32.380	28	1.630	38.500	0.320	156.0	200	FM(200psi)
32"	26	41.750	2.120	32.380	28	1.630	38.500	0.500	138.0	80	N/A
34"	11	43.750	2.930	34.380	32	1.630	40.500	0.310	197.0	200	FM(200psi)
34"	26	43.750	2.140	34.380	32	1.630	40.500	0.500	136.7	80	N/A
36"	7	46.000	5.500	36.380	32	1.630	42.750	0.500	436.8	335	N/A
36"	9	46.000	3.800	36.380	32	1.630	42.750	0.310	323.0	250	N/A
36"	11	46.000	3.030	36.380	32	1.630	42.750	0.310	214.0	200	FM(200psi)
36"	17	46.000	2.750	36.380	32	1.630	42.750	0.500	170.3	125	N/A
36"	26	46.000	2.500	36.380	32	1.630	42.750	0.500	160.5	80	N/A
40"	11	50.750	4.060	40.500	36	1.630	47.250	0.500	480.0	200	N/A
42"	11	53.000	4.060	42.380	36	1.630	49.500	0.500	445.4	200	N/A
42"	13.5	53.000	3.660	42.380	36	1.630	49.500	0.310	430.0	160	N/A
42"	21	53.000	3.000	42.380	36	1.630	49.500	0.500	297.0	100	N/A
48"	11	59.500	4.530	48.500	44	1.630	56.000	0.750	620.2	200	N/A
48"	17	59.500	3.940	48.500	44	1.630	56.000	0.750	497.4	125	N/A
48"	26	59.500	3.500	48.500	44	1.630	56.000	0.750	332.5	80	N/A
54"	17	66.250	4.750	54.620	44	1.880	62.750	0.750	674.0	125	N/A
54"	26	66.250	3.750	54.620	44	1.880	62.750	0.750	453.8	80	N/A
54"	51	66.250	2.570	54.620	44	1.880	62.750	0.750	375.0	40	N/A
63/60"	26	73.000	2.800	64.000	52	1.880	69.250	0.750	349.9	80	N/A
63/60"	17	73.000	3.150	64.000	52	1.880	69.250	0.750	413.0	125	N/A

REVISION HISTORY		
REV	DESCRIPTION	DATE
1	VALID - ORIGINAL DWG	7/29/11
2	ADD 42" SDR11	09/07/11
3	ADD 20", 22", 24 SDR7	10/14/11
4	EDIT SDR COUMN	06/28/12
5	EDIT PER PHYSICAL FLANGE	05/20/13
6	CHANGED SDR26 TO SDR17 AND SDR19 TO SDR26	2/26/2014
7	CHANGED 160psi to 200psi & 267psi to 335psi	4/2/14
8	UPDATE DIMENSIONS	7/11/2014
9	UPDATE FM (200psi TO 250psi AND 160psi TO 200psi)	9/07/2017
10	ADD 30" SDR7	9/03/2020
11	ADD 36" SDR7; REMOVED SIZES FROM CHART; UPDATED "R" TO MATCH STANDARD	04/03/2026
12	REMOVED SDR9 32" FROM " DIMENSIONS" CHART; ADDED SDR7 32" TO "DIMENSIONS" CHART	08/17/2026





NOTES
Improved Piping Products' backing ring and blinds mate with AWWA C207, ANSI B16.5 and ANSI B16.47, as appropriate. Specificatiions not stated in these standards follow internal specifications

IMPROVED PIPING PRODUCTS, INC.

TITLE

BUP-SDR DI Convoluted Flange / Backup Ring Submittal Sheet

UNLESS OTHERWISE NOTED, ALL DIMENSIONS IN INCHES

Ongoing engineering design efforts may affect the technical information listed in our publications.