## Material: Stainless Steel ASTM A351 CF8M (SS316)

					Dim	ensions					
Pipe Diameter					Bolt	Bolt Hole	Bolt Hole		Weigh	Pressure Class	FM APPROVED
(in)	SDR	0.D.	T	I.D.	Count	Size (H)	Circle (BC)	R	t (lbs)	(PC)	
1"	7	4.250	0.560	1.380	4	0.630	3.130	0.125	1.1	335	N/A
1 1/2"	7	5.000	0.690	1.970	4	0.630	3.880	0.200	1.7	335	N/A
2"	7	6.000	0.750	2.460	4	0.750	4.750	0.270	2.5	335	FM(250ps
2"	11	6.000	0.400	2.460	4	0.750	4.750	0.270	1.7	200	FM(200ps
3"	7	7.500	0.940	3.600	4	0.750	6.000	0.330	4.4	335	FM(250ps
3"	11	7.500	0.570	3.600	4	0.750	6.000	0.330	2.7	200	FM(200ps
3"	13.5	7.500	0.400	3.600	4	0.750	6.000	0.330	2.5	160	N/A
4"	7	9.000	0.940	4.600	8	0.750	7.500	0.390	5.8	335	FM(250ps
4"	11	9.000	0.500	4.600	8	0.750	7.500	0.390	3.8	200	FM(200ps
4"	13.5	9.000	0.500	4.600	8	0.750	7.500	0.390	3.6	160	N/A
6"	7	11.000	1.000	6.750	8	0.880	9.500	0.440	8.2	335	FM(250ps
6"	11	11.000	0.600	6.750	8	0.875	9.500	0.440	5.6	200	FM(200ps
6"	13.5	11.000	0.600	6.750	8	0.880	9.500	0.440	5.6	160	N/A
8"	7	13.500	1.120	8.750	8	0.880	11.750	0.440	12.5	335	FM(250ps
8"	11	13.500	1.250	8.750	8	0.875	11.750	0.440	11.9	200	FM(200ps
8"	13.5	13.500	0.700	8.750	8	0.880	11.750	0.440	8.2	160	N/A
10"	7	16.000	1.340	10.920	12	1.000	14.250	0.430	19.6	335	FM(250ps
10"	11	16.000	1.500	10.920	12	1.000	14.250	0.420	15.6	200	FM(200ps
10"	13.5	16.000	0.900	10.920	12	1.000	14.250	0.420	11.1	160	N/A
12"	7	19.000	1.770	12.920	12	1.000	17.000	0.500	34.8	335	FM(250ps
12"	11	19.000	1.250	12.920	12	1.000	17.000	0.420	24.0	200	FM(200ps
12"	13.5	19.000	1.050	12.920	12	1.000	17.000	0.420	19.6	160	N/A
14"	7	21.000	1.890	14.180	12	1.130	18.750	0.430		335	FM(250ps
14"	11	21.000	1.610	14.180	12	1.130	18.750	0.430	37.7	200	N/A
14"	17	21.000	1.130	14.180	12	1.130	18.750	0.410	24.4	125	N/A
16"	7	23.500	1.970	16.190	16	1.130	21.250	0.400	57.9	335	FM(250ps
16"	11	23.500	1.890	16.190	16	1.130	21.250	0.430	52.4	200	N/A
16"	13.5	23.500	1.440	16.190	16	1.130	21.250	0.500	52.0	160	N/A
16"	17	23.500	1.250	16.190	16	1.130	21.250	0.410	29.9	125	N/A
18"	7	25.000	2.170	18.200	16	1.250	22.750	0.430	63.2	335	FM(250ps
18"	11	25.000	1.560	18.200	16	1.250	22.750	0.500	52.1	200	FM(200ps
18"	21	25.000	1.340	18.200	16	1.250	22.750	0.400	33.0	100	N/A
20"	7	27.500	2.320	20.250	20	1.250	25.000	0.430		335	FM(250ps
20"	, 11	27.500	2.320	20.250	20	1.250	25.000	0.430	73.8	200	N/A
20"	21	27.500	1.470	20.250	20	1.250	25.000	0.375		100	N/A
20	21 7	27.500	2.480	20.250	20	1.380	27.250		102.9		FM(250ps
22"	/ 11	29.500	2.480	22.250	20	1.380	27.250	0.430		200	N/A
22"	21	29.500	1.540	22.250	20	1.380	27.250	0.430		100	N/A N/A

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

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Revision HisTORY       DATE       1     PHADPD, DRIGINAL, WRG     25/171, ZERAWY, GAZA,       1     PHADPD, DRIGINAL, WRG     25/171, ZERAWY, GAZA,       1     Additional Parts SDR11's included; 3' to 10'     02/06/2024 [st. Brewster       1     Additional Parts SDR11's included; 3' to 10'     02/06/2024 [st. Brewster       Page 1 of 2   Page 1 of 2       Page 1 of 2   Page 1 of 2       Improved Piping Products' backing rings and blinds mate with AWWA C207, ANSI BIG: 5 and ANSI BIG: 64, 7s. as proprinter. Specifications not stated in these standards follow internal specifications.       Improved Piping Products' backing rings and blinds mate with AWWA C207, ANSI BIG: 5 and ANSI BIG: 64, 7s. as proprinter. Specifications not stated in these standards follow internal specifications.		2		I			1		
1       VALD-ORGENAL, DWG       5/5/14       JERGARDAZE         3       PM APROVAL RE RATED TO 250ps       9/06/2012       JUAN RAMOS         4       Additional Parts SORII's included; 3' to 10'       0/06/2012       JUAN RAMOS         Page 1 of 2       Provide weight       0/06/2012       JUAN RAMOS         Page 1 of 2       Provide weight       0/06/2012       JUAN RAMOS         Page 1 of 2       Provide weight       0/06/2012       JUAN RAMOS         Page 1 of 2       Provide weight       0/06/2012       Provide Weight       0/06/2012         Page 1 of 2       Provide Weight       Provide Weight       0/06/2012       Provide Weight       0/06/2012         Page 1 of 2       Provide Weight       Provide Weight       Provide Weight       0/06/2012       Provide Weight       0/06/2012         Page 1 of 2       Provide Weight			RFV	- D				DESIGNER	
3       PHAPROVAL RE RATED TO 250pil       9/06/2017. JUAN RAMOS         4       Additional Parts SDR11's included; 3' to 10"       0/06/2017. JUAN RAMOS         Page 1 of 2         Page 1 of 2         Page 1 of 2         O         O         O         O         O         Page 1 of 2         O         <			1	VALID	- ORIGIN/	AL DWG	5/5/14	JEREMY GARZ	A
Page 1 of 2 Page			3 F	M APPROVA	L RE RAT	ED TO 250psi	9/06/201		ez
Page 1 of 2 Page			4 Addit	ional Parts	SDR11's ir	ncluded; 3" to 10	" 02/06/202		
Page 1 of 2 Page									
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