

Scclairpipe® DIPS Data Sheet

DIPS Pipe Sizes and Pressure Ratings PE4710

Pipe length: Standard pipe lengths at 40 ' (480in) & 50 ' (600in), with other lengths available upon request

Certifications: All certifications can be found on our website

Colour Striping: Solid black pipe with colour striping (blue, green, lavender) available upon request

SCLAIRPIPE DIPS PIPE SIZES AND PRESSURE RATINGS (PE4710)										
NPS	Avg OD (in)	DR21 (100 psi)			DR17 (125 psi)			DR14.3 (150 psi)		
		Avg ID (in)	Min Wall (in)	Avg Wt.(lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Wt.(lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Wt.(lbs/ft)
3	3.96 (100.58mm)	3.56 (90.42mm)	0.189 (4.800mm)	0.98	3.47 (88.14mm)	0.233 (5.918mm)	1.20	3.37 (85.60mm)	0.277 (7.036mm)	1.41
4	4.80 (121.92mm)	4.32 (109.73mm)	0.229 (5.817mm)	1.44	4.20 (106.68mm)	0.282 (7.163mm)	1.76	4.09 (103.89mm)	0.336 (8.534mm)	2.07
6	6.90 (175.26mm)	6.20 (157.48mm)	0.329 (8.357mm)	2.98	6.04 (153.44mm)	0.406 (10.312mm)	3.64	5.88 (149.35mm)	0.483 (12.268mm)	4.27
8	9.05 (229.87mm)	8.14 (206.76mm)	0.431 (10.947mm)	5.13	7.92 (201.17mm)	0.532 (13.513mm)	6.26	7.71 (195.83mm)	0.633 (16.078mm)	4.35
10	11.10 (281.94mm)	9.98 (253.49mm)	0.529 (13.437mm)	7.72	9.72 (246.89mm)	0.653 (16.586mm)	9.41	9.45 (240.03mm)	0.776 (19.710mm)	11.05
12	13.20 (335.28mm)	11.87 (301.50mm)	0.629 (15.977mm)	10.91	11.55 (293.37mm)	0.776 (19.710mm)	13.31	11.24 (285.50mm)	0.923 (23.444mm)	15.63
14	15.30 (388.62mm)	13.76 (349.50mm)	0.729 (18.517mm)	14.66	13.39 (340.11mm)	0.900 (22.860mm)	17.89	13.03 (330.96mm)	1.070 (27.178mm)	21.00
16	17.40 (441.96mm)	15.64 (397.26mm)	0.829 (21.057mm)	18.96	15.23 (386.84mm)	1.024 (26.010mm)	23.13	14.82 (376.43mm)	1.217 (30.912mm)	27.16
18	19.50 (495.30mm)	17.53 (445.26mm)	0.929 (23.597mm)	23.82	17.07 (433.58mm)	1.147 (29.134mm)	29.05	16.61 (421.89mm)	1.364 (34.646mm)	34.11
20	21.60 (548.64mm)	19.42 (493.27mm)	1.029 (26.137mm)	29.22	18.91 (480.31mm)	1.271 (32.283mm)	35.65	18.4 (467.36mm)	1.510 (38.354mm)	41.85
24	25.80 (655.32mm)	23.20 (589.28mm)	1.229 (31.217mm)	41.69	22.58 (573.53mm)	1.518 (38.557mm)	50.86	21.98 (558.29mm)	1.804 (45.822mm)	59.70
30	32.00 (812.80mm)	28.77 (730.76mm)	1.524 (38.710mm)	64.14	28.01 (711.45mm)	1.882 (47.803mm)	78.24	27.26 (692.40mm)	2.238 (56.845mm)	91.85
36	38.30 (972.82mm)	34.43 (874.52mm)	1.824 (46.330mm)	91.88	33.52 (851.41mm)	2.253 (57.226mm)	112.08	32.62 (828.55mm)	2.678 (68.021mm)	131.57
42	44.50 (1130.30mm)	40.01 (1016.25mm)	2.119 (53.823mm)	124.04						
48	50.80 (1290.32mm)	45.67 (1160.02mm)	2.419 (61.443mm)	161.65						
54	57.10 (1450.34mm)	51.34 (1304.04mm)	2.719 (69.063mm)	204.22						
60	61.61 (1564.89mm)	55.39 (1406.91mm)	2.934 (74.524mm)	237.76						

Note: Pipe dimensions are per ASTM F714 and AWWA C906. Pressure Ratings are for water at temperatures up to 80°F (27°C) as indicated in the AWWA M55 and the PPI Handbook. Ratings will vary for other fluids and temperatures. Some of the pipe sizes and DR's above are available only on request. Check with your representative for availability. Different dimensions and DR's not listed may be available upon special request. Weights are calculated by the methodology established in PPI's TR-7. Technical information contained herein is furnished without charge or obligation and is given and accepted at the recipient's sole risk. As conditions of use may vary and are beyond the control of Infra Pipes, no representations or warranties, express or implied, are made concerning the accuracy, reliability, or completeness of this information.

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SCLAIRPIPE DIPS PIPE SIZES AND PRESSURE RATINGS (PE4710)										
NPS	Avg OD (in)	DR11 (200 psi)			DR9 (250 psi)			DR7.7 (300 psi)		
		Avg ID (in)	Min Wall (in)	Avg Wt.(lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Wt.(lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Wt.(lbs/ft)
3	3.96 (100.58mm)	3.20 (81.28mm)	0.360 (9.144mm)	1.78	3.03 (76.96mm)	0.440 (11.176mm)	2.13	2.87 (72.90mm)	0.514 (13.056mm)	2.43
4	4.80 (121.92mm)	3.87 (98.30mm)	0.436 (11.074mm)	2.62	3.67 (93.22mm)	0.533 (13.538mm)	3.13	3.48 (88.39mm)	0.623 (15.824mm)	3.57
6	6.90 (175.26mm)	5.57 (141.48mm)	0.627 (15.926mm)	5.42	5.27 (133.86mm)	0.767 (19.482mm)	6.47	5.00 (127.00mm)	0.896 (22.758mm)	7.39
8	9.05 (229.87mm)	7.31 (185.67mm)	0.823 (20.904mm)	9.32	6.92 (175.77mm)	1.006 (25.552mm)	11.12	6.56 (166.62mm)	1.175 (29.845mm)	12.71
10	11.10 (281.94mm)	8.96 (227.58mm)	1.009 (25.629mm)	14.02	8.49 (215.65mm)	1.233 (31.318mm)	16.73	8.04 (204.22mm)	1.442 (36.627mm)	19.12
12	13.20 (335.28mm)	10.66 (270.76mm)	1.200 (30.480mm)	19.83	10.09 (256.29mm)	1.467 (37.262mm)	23.66	9.57 (243.08mm)	1.714 (43.536mm)	27.03
14	15.30 (388.62mm)	12.35 (313.69mm)	1.391 (35.331mm)	26.64	11.70 (297.18mm)	1.700 (43.180mm)	31.79	11.09 (281.69mm)	1.987 (50.470mm)	36.32
16	17.40 (441.96mm)	14.05 (356.87mm)	1.582 (40.183mm)	34.45	13.30 (337.82mm)	1.933 (49.098mm)	41.11	12.61 (320.29mm)	2.260 (57.404mm)	46.97
18	19.50 (495.30mm)	15.74 (399.80mm)	1.773 (45.034mm)	43.27	14.91 (378.71mm)	2.167 (55.042mm)	51.64	14.13 (358.90mm)	2.532 (64.313mm)	58.99
20	21.60 (548.64mm)	17.44 (442.98mm)	1.964 (49.886mm)	53.10	16.51 (419.35mm)	2.400 (60.960mm)	63.36	15.65 (397.51mm)	2.805 (71.247mm)	72.38
24	25.80 (655.32mm)	20.83 (529.08mm)	2.345 (59.563mm)	75.75	19.72 (500.89mm)	2.867 (72.822mm)	90.39			
30	32.00 (812.80mm)	25.83 (656.08mm)	2.909 (73.889mm)	116.53						
36	38.30 (972.82mm)	30.92 (785.37mm)	3.482 (88.443mm)	166.94						
42	44.50 (1130.30mm)									
48	50.80 (1290.32mm)									
54	57.10 (1450.34mm)									
60	61.61 (1564.89mm)									

Note: Pipe dimensions are per ASTM F714 and AWWA C906. Pressure Ratings are for water at temperatures up to 80°F (27°C) as indicated in the AWWA M55 and the PPI Handbook. Ratings will vary for other fluids and temperatures. Some of the pipe sizes and DR's above are available only on request. Check with your representative for availability. Different dimensions and DR's not listed may be available upon special request. Weights are calculated by the methodology established in PPI's TR-7. Technical information contained herein is furnished without charge or obligation and is given and accepted at the recipient's sole risk. As conditions of use may vary and are beyond the control of Infra Pipes, no representations or warranties, express or implied, are made concerning the accuracy, reliability, or completeness of this information.

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NPS	Avg OD (in)	DR6.7 (350 psi)		
		Avg ID (in)	Min Wall (in)	Avg Wt.(lbs/ft)
3	3.96 (100.58mm)	2.71 (68.83mm)	0.591 (15.011mm)	2.73
4	4.80 (121.92mm)	3.28 (83.31mm)	0.716 (18.186mm)	4.01
6	6.90 (175.26mm)	4.72 (119.89mm)	1.030 (26.162mm)	8.29
8	9.05 (229.87mm)	6.19 (157.23mm)	1.351 (34.315mm)	14.26
10	11.10 (281.94mm)	7.59 (192.79mm)	1.657 (42.089mm)	21.44
12	13.20 (335.28mm)	9.02 (229.11mm)	1.970 (50.038mm)	30.33
14	15.30 (388.62mm)	10.46 (265.68mm)	2.284 (58.014mm)	40.74
16	17.40 (441.96mm)	11.89 (302.01mm)	2.597 (65.964mm)	52.70
18	19.50 (495.30mm)			
20	21.60 (548.64mm)			
24	25.80 (655.32mm)			
30	32.00 (812.80mm)			
36	38.30 (972.82mm)			
42	44.50 (1130.30mm)			
48	50.80 (1290.32mm)			
54	57.10 (1450.34mm)			
60	61.61 (1564.89mm)			

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