

# Scclairpipe® ISO Data Sheet

## ISO 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 ISO PIPE SIZES AND PRESSURE RATINGS (PE4710)										
NPS	Avg OD (in)	DR32.5 (64 psi)			DR26 (80 psi)			DR21 (100 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)
90	90.4 (2296.2 mm)	84.5 (2146.30 mm)	2.8 (71.1 mm)	0.77	83.1 (2110.7 mm)	3.5 (88.9 mm)	0.96	81.3 (2065.0 mm)	4.3 (109.2 mm)	1.18
110	110.5 (2800.7 mm)	103.3 (2623.82 mm)	3.4 (86.4 mm)	1.16	101.5 (2578.1 mm)	4.2 (106.7 mm)	1.43	99.4 (2523.8 mm)	5.2 (132.1 mm)	1.76
160	160.7 (4081.8 mm)	150.3 (3817.62 mm)	4.9 (124.5 mm)	2.45	147.7 (3751.6 mm)	6.2 (157.5 mm)	3.03	144.6 (3672.8 mm)	7.6 (193.0 mm)	3.72
200	200.9 (5102.9 mm)	187.9 (4772.66 mm)	6.2 (157.5 mm)	3.82	184.6 (4688.8 mm)	7.7 (195.6 mm)	4.74	180.7 (4589.8 mm)	9.5 (241.3 mm)	5.81
250	251.1 (6377.9 mm)	234.8 (5963.92 mm)	7.7 (195.6 mm)	5.98	230.7 (5869.8 mm)	9.6 (243.8 mm)	7.41	225.9 (5737.9 mm)	11.9 (302.3 mm)	9.08
280	281.3 (7145.0 mm)	263.0 (6680.20 mm)	8.6 (218.4 mm)	7.50	258.4 (6563.4 mm)	10.8 (274.3 mm)	9.29	253.0 (6426.2 mm)	13.3 (337.8 mm)	11.39
315	316.4 (8036.6 mm)	295.9 (7515.86 mm)	9.7 (246.4 mm)	9.49	290.7 (7383.8 mm)	12.1 (307.3 mm)	11.76	284.6 (7228.8 mm)	15.0 (381.0 mm)	14.41
355	356.6 (9057.6 mm)	333.4 (8468.36 mm)	10.9 (276.9 mm)	12.05	327.7 (8323.6 mm)	13.7 (348.0 mm)	14.93	320.8 (8148.3 mm)	16.9 (429.3 mm)	18.30
400	401.8 (10285.7 mm)	375.7 (9547.78 mm)	12.3 (312.4 mm)	15.30	369.2 (9377.7 mm)	15.4 (391.2 mm)	18.86	361.4 (9179.6 mm)	19.0 (482.6 mm)	23.24
450	452.0 (11480.8 mm)	422.7 (10736.58 mm)	13.8 (350.5 mm)	19.36	415.3 (10548.6 mm)	17.3 (439.4 mm)	24.00	406.6 (10328.6 mm)	21.4 (543.6 mm)	29.41
500	502.3 (12758.4 mm)	269.6 (6847.84 mm)	15.4 (391.2 mm)	23.90	461.5 (11723.1 mm)	19.2 (487.7 mm)	29.62	451.8 (11476.7 mm)	23.8 (604.5 mm)	36.31
560	562.5 (14287.5 mm)	526.0 (13360.40 mm)	17.2 (436.9 mm)	29.98	516.9 (13129.3 mm)	21.5 (546.1 mm)	37.16	506.0 (12852.4 mm)	26.7 (678.2 mm)	45.55
630	632.8 (16073.1 mm)	591.7 (15028.18 mm)	19.4 (492.8 mm)	37.94	581.5 (14770.1 mm)	24.2 (614.7 mm)	47.03	569.2 (14457.7 mm)	30.0 (762.0 mm)	57.64
710	713.2 (18115.3 mm)	666.9 (16938.26 mm)	21.8 (553.7 mm)	48.19	655.3 (16644.6 mm)	27.3 (693.4 mm)	59.73	641.5 (16294.1 mm)	33.8 (858.5 mm)	73.21
800	803.6 (20411.4 mm)	751.4 (19085.56 mm)	24.6 (625.0 mm)	61.18	738.4 (18756.0 mm)	30.8 (782.3 mm)	75.84	722.8 (18359.1 mm)	38.1 (967.7 mm)	92.95
900	904.1 (22984.1 mm)	845.3 (21470.62 mm)	27.7 (703.6 mm)	77.44	830.7 (21099.8 mm)	34.6 (878.8 mm)	95.98	813.2 (20655.3 mm)	42.9 (1089.7 mm)	117.64
1000	1104.5 (28054.3 mm)	939.9 (23873.46 mm)	30.8 (782.3 mm)	95.60	923.0 (23444.2 mm)	38.5 (977.9 mm)	118.50	903.5 (22928.9 mm)	47.6 (1209.0 mm)	145.23
1200	1205.4 (30617.2 mm)	1127.1 (28627.34 mm)	36.9 (937.3 mm)	137.66	1107.6 (28133.0 mm)	46.2 (1173.5 mm)	170.64	1084.3 (27540.2 mm)	57.1 (1450.3 mm)	209.14
1400	1406.3 (35718.0 mm)	1315.0 (33441.00 mm)	43.1 (1094.7 mm)	187.38	1292.1 (32816.3 mm)	53.8 (1366.5 mm)	232.26	1265.0 (32131.0 mm)	66.7 (1694.2 mm)	284.66
1600	1607.2 (40818.9 mm)	1502.8 (38171.12 mm)	49.2 (1249.7 mm)	244.74	1476.7 (37509.7 mm)	61.5 (1562.1 mm)	303.35	1445.7 (36722.8 mm)	76.2 (1935.5 mm)	371.80

**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.

# Scclairpipe® ISO Data Sheet

## ISO Pipe Sizes and Pressure Ratings PE4710

Pipe length: 50' 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 ISO PIPE SIZES AND PRESSURE RATINGS (PE4710)**

NPS	Avg OD (in)	DR17 (125 psi)			DR13.5 (160 psi)			DR11 (200 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)
90	90.4 (2296.2 mm)	79.2 (2011.7 mm)	5.3 (134.6 mm)	1.44	76.3 (1938.0 mm)	6.7 (170.2 mm)	1.78	73.1 (1856.7 mm)	8.2 (208.3 mm)	2.14
110	110.5 (2800.7 mm)	96.8 (2458.7 mm)	6.5 (165.1 mm)	2.14	93.2 (2367.3 mm)	8.1 (205.7 mm)	2.65	89.3 (2267.2 mm)	10.0 (254.0 mm)	3.19
160	160.7 (4081.8 mm)	140.8 (3576.3 mm)	9.4 (238.8 mm)	4.54	135.6 (3444.2 mm)	11.9 (302.3 mm)	5.61	129.9 (3299.5 mm)	14.5 (368.3 mm)	6.76
200	200.9 (5102.9 mm)	176.0 (4470.4 mm)	11.8 (299.7 mm)	7.09	169.5 (4305.3 mm)	14.8 (375.9 mm)	8.77	162.4 (4124.9 mm)	18.2 (462.3 mm)	10.56
250	251.1 (6377.9 mm)	219.9 (5584.5 mm)	14.7 (373.4 mm)	11.07	211.9 (5382.3 mm)	18.5 (469.9 mm)	13.70	202.9 (5153.7 mm)	22.7 (576.6 mm)	16.50
280	281.3 (7145.0 mm)	246.3 (6256.0 mm)	16.5 (419.1 mm)	13.89	237.3 (6027.4 mm)	20.7 (525.8 mm)	17.19	227.3 (5773.4 mm)	25.5 (647.7 mm)	20.69
315	316.4 (8036.6 mm)	277.1 (7038.3 mm)	18.5 (469.9 mm)	17.58	267.0 (6781.8 mm)	23.3 (591.8 mm)	21.76	255.7 (6494.8 mm)	28.6 (726.4 mm)	26.19
355	356.6 (9057.6 mm)	312.3 (7932.4 mm)	20.9 (531.9 mm)	22.33	300.8 (7640.3 mm)	26.3 (668.0 mm)	27.63	288.2 (7310.3 mm)	32.3 (820.4 mm)	33.26
400	401.8 (10285.7 mm)	351.9 (8938.3 mm)	23.5 (596.9 mm)	28.35	339.0 (8610.6 mm)	29.6 (751.8 mm)	35.08	324.7 (8247.4 mm)	36.4 (924.6 mm)	42.23
450	452.0 (11480.8 mm)	395.9 (10055.9 mm)	26.5 (673.1 mm)	35.88	381.4 (9687.6 mm)	33.3 (845.8 mm)	44.40	365.3 (9278.6 mm)	40.9 (1038.9 mm)	53.45
500	502.3 (12758.4 mm)	439.9 (11173.5 mm)	29.4 (746.8 mm)	44.29	423.7 (10762.0 mm)	37.0 (939.8 mm)	54.82	405.9 (10309.9 mm)	45.5 (1155.7 mm)	65.98
560	562.5 (14287.5 mm)	492.7 (12515.6 mm)	32.9 (835.7 mm)	55.56	474.6 (12052.8 mm)	41.5 (1054.1 mm)	68.77	454.6 (11547.0 mm)	50.9 (1293.0 mm)	82.77
630	632.8 (16073.1 mm)	554.3 (14079.2 mm)	37.1 (942.3 mm)	70.32	533.9 (13561.1 mm)	46.7 (1186.2 mm)	87.03	511.4 (12989.6 mm)	57.3 (1455.4 mm)	104.75
710	713.2 (18115.3 mm)	624.7 (15866.4 mm)	41.8 (1061.7 mm)	89.31	601.7 (15283.2 mm)	52.6 (1336.0 mm)	110.54	576.4 (14641.0 mm)	64.5 (1638.3 mm)	133.05
800	803.6 (20411.4 mm)	703.8 (17876.5 mm)	47.1 (1196.3 mm)	113.39	678.0 (17221.2 mm)	59.3 (1506.2 mm)	140.34	649.4 (16494.8 mm)	72.7 (1846.6 mm)	168.91
900	904.1 (22984.1 mm)	791.8 (20112.7 mm)	52.9 (1343.7 mm)	143.51	762.7 (19372.6 mm)	66.7 (1694.2 mm)	177.62			
1000	1104.5 (28054.3 mm)	879.8 (22348.9 mm)	58.8 (1493.5 mm)	177.17						
1200	1205.4 (30617.2 mm)	1055.8 (26818.3 mm)	70.6 (1793.2 mm)	255.13						
1400	1406.3 (35718.0 mm)									
1600	1607.2 (40818.9 mm)									

**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.