

SCLAIRPIPE®
IPS PIPE SIZES AND PRESSURE RATINGS PE4710

DATA SHEET

Scclairpipe®

Pipe Length: 50' (other lengths available upon request)
Certifications: NSF 14/61, FM, BNQ are available upon request
Colour Striping: Solid black pipe with colour striping available upon request

NPS	DR32.5 (64 psi)				DR26 (80 psi)			DR21 (100 psi)			DR17 (125 psi)			NPS
	Avg OD (in)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	
3	3.50	3.27	0.108	0.51	3.21	0.135	0.63	3.15	0.167	0.77	3.06	0.206	0.94	3
4	4.50	4.21	0.138	0.84	4.13	0.173	1.03	4.05	0.214	1.27	3.94	0.265	1.55	4
5	5.56	5.20	0.171	1.28	5.11	0.214	1.58	5.00	0.265	1.94	4.87	0.327	2.36	5
6	6.63	6.19	0.204	1.81	6.08	0.255	2.24	5.96	0.315	2.75	5.80	0.390	3.35	6
7	7.13	6.66	0.219	2.09	6.54	0.274	2.59	6.41	0.339	3.18	6.24	0.419	3.88	7
8	8.63	8.06	0.265	3.07	7.92	0.332	3.80	7.75	0.411	4.66	7.55	0.507	5.68	8
10	10.75	10.05	0.331	4.77	9.87	0.413	5.91	9.66	0.512	7.24	9.41	0.632	8.83	10
12	12.75	11.92	0.392	6.70	11.71	0.490	8.31	11.46	0.607	10.18	11.16	0.750	12.42	12
13	13.38	12.50	0.412	7.38	12.28	0.514	9.14	12.02	0.637	11.21	11.71	0.787	13.67	13
14	14.00	13.09	0.431	8.08	12.86	0.538	10.02	12.59	0.667	12.28	12.25	0.824	14.98	14
16	16.00	14.96	0.492	10.56	14.70	0.615	13.08	14.38	0.762	16.04	14.00	0.941	19.56	16
18	18.00	16.83	0.554	13.36	16.53	0.692	16.56	16.18	0.857	20.29	15.76	1.059	24.76	18
20	20.00	18.70	0.615	16.49	18.37	0.769	20.44	17.98	0.952	25.06	17.51	1.176	30.56	20
22	22.00	20.56	0.677	19.96	20.21	0.846	24.74	19.78	1.048	30.32	19.26	1.294	36.98	22
24	24.00	22.43	0.738	23.75	22.04	0.923	29.44	21.58	1.143	36.08	21.01	1.412	44.01	24
26	26.00	24.30	0.800	27.87	23.88	1.000	34.55	23.38	1.238	42.34	22.76	1.529	51.65	26
28	28.00	26.17	0.862	32.33	25.72	1.077	40.07	25.17	1.333	49.11	24.51	1.647	59.90	28
30	30.00	28.04	0.923	37.11	27.55	1.154	46.00	26.97	1.429	56.37	26.26	1.765	68.77	30
32	32.00	29.91	0.985	42.22	29.39	1.231	52.34	28.77	1.524	64.14	28.01	1.882	78.24	32
36	36.00	33.65	1.108	53.44	33.06	1.385	66.24	32.37	1.714	81.18	31.51	2.118	99.02	36
40	40.00	37.39	1.231	65.98	36.74	1.538	81.77	35.96	1.905	100.22	35.01	2.353	122.25	40
42	42.00	39.26	1.292	72.74	38.58	1.615	90.16	37.76	2.000	110.49	36.76	2.471	134.78	42
48	48.00	44.87	1.477	95.01	44.09	1.846	117.76	43.15	2.286	144.32	42.01	2.824	176.04	48
54	54.00	50.48	1.662	120.24	49.60	2.077	149.03	48.55	2.571	182.65	47.27	3.176	222.81	54
63	63.00	58.89	1.938	163.66	57.86	2.423	202.85	56.64	3.000	248.61				63

Pipe dimensions are in accordance with ASTM F714 and AWWA C906. Pressure Ratings are for water at 73°F. 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. Other 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 recipient's sole risk. As conditions of use may vary and are beyond the control of Infra Pipe Solutions., no representations or warranty, express or implied, are made with respect to the accuracy, reliability, or completeness of the this information.

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IPS PIPE SIZES AND PRESSURE RATINGS PE4710

DATA SHEET

NPS	DR13.5 (160 psi)				DR11 (200 psi)			DR9 (250 psi)			DR7.3 (317 psi)			NPS
	Avg OD (in)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	
3	3.50	2.95	0.259	1.16	2.83	0.318	1.39	2.68	0.389	1.66	2.48	0.479	1.99	3
4	4.50	3.79	0.333	1.91	3.63	0.409	2.30	3.44	0.500	2.75	3.19	0.616	3.28	4
5	5.56	4.69	0.412	2.93	4.49	0.506	3.52	4.25	0.618	4.20	3.95	0.762	5.02	5
6	6.63	5.58	0.491	4.15	5.35	0.602	4.99	5.06	0.736	5.96	4.70	0.908	7.12	6
7	7.13	6.01	0.528	4.80	5.75	0.648	5.78	5.45	0.792	6.89	5.06	0.976	8.23	7
8	8.63	7.27	0.639	7.03	6.96	0.784	8.47	6.59	0.958	10.10	6.12	1.182	12.07	8
10	10.75	9.06	0.796	10.93	8.68	0.977	13.15	8.22	1.194	15.69	7.63	1.473	18.75	10
12	12.75	10.75	0.944	15.37	10.29	1.159	18.50	9.75	1.417	22.08	9.05	1.747	26.37	12
13	13.38	11.27	0.991	16.92	10.80	1.216	20.36	10.22	1.486	24.29	9.49	1.832	29.02	13
14	14.00	11.80	1.037	18.53	11.30	1.273	22.31	10.70	1.556	26.62	9.93	1.918	31.79	14
16	16.00	13.49	1.185	24.21	12.92	1.455	29.13	12.23	1.778	34.76	11.35	2.192	41.53	16
18	18.00	15.17	1.333	30.64	14.53	1.636	36.87	13.76	2.000	44.00	12.77	2.466	52.56	18
20	20.00	16.86	1.481	37.82	16.15	1.818	45.52	15.29	2.222	54.32	14.19	2.740	64.89	20
22	22.00	18.55	1.630	45.77	17.76	2.000	55.08	16.82	2.444	65.72	15.61	3.014	78.51	22
24	24.00	20.23	1.778	54.47	19.37	2.182	65.55	18.35	2.667	78.22	17.03	3.288	93.44	24
26	26.00	21.92	1.926	63.92	20.99	2.364	76.93	19.88	2.889	91.80				26
28	28.00	23.60	2.074	74.13	22.60	2.545	89.22	21.40	3.111	106.46				28
30	30.00	25.29	2.222	85.10	24.22	2.727	102.42	22.93	3.333	122.22				30
32	32.00	26.97	2.370	96.83	25.83	2.909	116.53							32
36	36.00	30.35	2.667	122.55	29.06	3.273	147.49							36
40	40.00	33.72	2.963	151.29										40
42	42.00	35.40	3.111	166.80										42
48	48.00													48
54	54.00													54
63	63.00													63

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SCLAIRPIPE®
DIPS PIPE SIZES AND PRESSURE RATINGS PE4710

DATA SHEET

NPS	Avg OD (in)	DR21 (100 psi)			DR14.3 (150 psi)			DR11 (200 psi)			NPS
		Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	
3	3.96	3.56	0.189	0.98	3.37	0.277	1.41	3.20	0.360	1.78	3
4	4.80	4.32	0.229	1.44	4.09	0.336	2.07	3.87	0.436	2.62	4
6	6.90	6.20	0.329	2.98	5.88	0.483	4.27	5.57	0.627	5.42	6
8	9.05	8.14	0.431	5.13	7.71	0.633	7.35	7.31	0.823	9.32	8
10	11.10	9.98	0.529	7.72	9.45	0.776	11.05	8.96	1.009	14.02	10
12	13.20	11.87	0.629	10.91	11.24	0.923	15.63	10.66	1.200	19.83	12
14	15.30	13.76	0.729	14.66	13.03	1.070	21.00	12.35	1.391	26.64	14
16	17.40	15.64	0.829	18.96	14.82	1.217	27.16	14.05	1.582	34.45	16
18	19.50	17.53	0.929	23.82	16.61	1.364	34.11	15.74	1.773	43.27	18
20	21.60	19.42	1.029	29.22	18.40	1.510	41.85	17.44	1.964	53.10	20
24	25.80	23.20	1.229	41.69	21.98	1.804	59.70	20.83	2.345	75.75	24
30	32.00	28.77	1.524	64.14	27.26	2.238	91.85	25.83	2.909	116.53	30
36	38.30	34.43	1.824	91.88	32.62	2.678	131.57	30.92	3.482	166.94	36
42	44.50	40.01	2.119	124.04							42
48	50.80	45.67	2.419	161.65							48
54	57.10	51.34	2.719	204.22							54
60	61.61	55.39	2.934	237.76							60

Pipe dimensions are in accordance with ASTM F714 and AWWA C906-15. Pressure Ratings are for water at 73°F. 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. Other 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 recipient's sole risk. As conditions of use may vary and are beyond the control of Infra Pipe Solutions Ltd., no representations or warranty, express or implied, are made with respect to the accuracy, reliability, or completeness of the this information.

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DATA SHEET

NPS	DR9 (250 psi)				DR7.7 (300 psi)			DR6.7 (350 psi)			NPS
	Avg OD (in)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	Avg ID (in)	Min Wall (in)	Avg Weight (lbs/ft)	
3	3.96	3.03	0.440	2.13	2.87	0.514	2.43	2.71	0.591	2.73	3
4	4.80	3.67	0.533	3.13	3.48	0.623	3.57	3.28	0.716	4.01	4
6	6.90	5.27	0.767	6.47	5.00	0.896	7.39	4.72	1.030	8.29	6
8	9.05	6.92	1.006	11.12	6.56	1.175	12.71	6.19	1.351	14.26	8
10	11.10	8.49	1.233	16.73	8.04	1.442	19.12	7.59	1.657	21.44	10
12	13.20	10.09	1.467	23.66	9.57	1.714	27.03	9.02	1.970	30.33	12
14	15.30	11.70	1.700	31.79	11.09	1.987	36.32	10.46	2.284	40.74	14
16	17.40	13.30	1.933	41.11	12.61	2.260	46.97	11.89	2.597	52.70	16
18	19.50	14.91	2.167	51.64	14.13	2.532	58.99				18
20	21.60	16.51	2.400	63.36	15.65	2.805	72.38				20
24	25.80	19.72	2.867	90.39							24
30	32.00										30
36	38.30										36
42	44.50										42
48	50.80										48
54	57.10										54
60	61.61										60

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SCLAIRPIPE®
ISO PIPE SIZES AND PRESSURE
RATINGS PE4710

DATA SHEET

NPS	DR32.5 (64 psi)				DR26 (80 psi)			DR21 (100 psi)			DR17 (125 psi)			NPS
	Avg OD (mm)	Avg ID (mm)	Min Wall (mm)	Avg Weight (kgs/m)	Avg ID (mm)	Min Wall (mm)	Avg Weight (kgs/m)	Avg ID (mm)	Min Wall (mm)	Avg Weight (kgs/m)	Avg ID (mm)	Min Wall (mm)	Avg Weight (kgs/m)	
90	90.4	84.5	2.8	0.77	83.1	3.5	0.96	81.3	4.3	1.18	79.2	5.3	1.44	90
110	110.5	103.3	3.4	1.16	101.5	4.2	1.43	99.4	5.2	1.76	96.8	6.5	2.14	110
160	160.7	150.3	4.9	2.45	147.7	6.2	3.03	144.6	7.6	3.72	140.8	9.4	4.54	160
200	200.9	187.9	6.2	3.82	184.6	7.7	4.74	180.7	9.5	5.81	176.0	11.8	7.09	200
250	251.1	234.8	7.7	5.98	230.7	9.6	7.41	225.9	11.9	9.08	219.9	14.7	11.07	250
280	281.3	263.0	8.6	7.50	258.4	10.8	9.29	253.0	13.3	11.39	246.3	16.5	13.89	280
315	316.4	295.9	9.7	9.49	290.7	12.1	11.76	284.6	15.0	14.41	277.1	18.5	17.58	315
355	356.6	333.4	10.9	12.05	327.7	13.7	14.93	320.8	16.9	18.30	312.3	20.9	22.33	355
400	401.8	375.7	12.3	15.30	369.2	15.4	18.96	361.4	19.0	23.24	351.9	23.5	28.35	400
450	452.0	422.7	13.8	19.36	415.3	17.3	24.00	406.6	21.4	29.41	395.9	26.5	35.88	450
500	502.3	469.6	15.4	23.90	461.5	19.2	29.62	451.8	23.8	36.31	439.9	29.4	44.29	500
560	562.5	526.0	17.2	29.98	516.9	21.5	37.16	506.0	26.7	45.55	492.7	32.9	55.56	560
630	632.8	591.7	19.4	37.94	581.5	24.2	47.03	569.2	30.0	57.64	554.3	37.1	70.32	630
710	713.2	666.9	21.8	48.19	655.3	27.3	59.73	641.5	33.8	73.21	624.7	41.8	89.31	710
800	803.6	751.4	24.6	61.18	738.4	30.8	75.84	722.8	38.1	92.95	703.8	47.1	113.39	800
900	904.1	845.3	27.7	77.44	830.7	34.6	95.98	813.2	42.9	117.64	791.8	52.9	143.51	900
1000	1004.5	939.3	30.8	95.60	923.0	38.5	118.50	903.5	47.6	145.23	879.8	58.8	177.17	1000
1200	1205.4	1127.1	36.9	137.66	1107.6	46.2	170.64	1084.3	57.1	209.14	1055.8	70.6	255.13	1200
1400	1406.3	1315.0	43.1	187.38	1292.1	53.8	232.26	1265.0	66.7	284.66				1400
1600	1607.2	1502.8	49.2	244.74	1476.7	61.5	303.35	1445.7	76.2	371.80				1600

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DATA SHEET

NPS	DR13.5 (160 psi)				DR11 (200 psi)			DR9 (250 psi)			DR7.3 (317 psi)			NPS
	Avg OD (mm)	Avg ID (mm)	Min Wall (mm)	Avg Weight (kgs/m)	Avg ID (mm)	Min Wall (mm)	Avg Weight (kgs/m)	Avg ID (mm)	Min Wall (mm)	Avg Weight (kgs/m)	Avg ID (mm)	Min Wall (mm)	Avg Weight (kgs/m)	
90	90.4	76.3	6.7	1.78	73.1	8.2	2.14	69.2	10.0	2.55	64.3	12.3	3.05	90
110	110.5	93.2	8.1	2.65	89.3	10.0	3.19	84.6	12.2	3.81	78.5	15.1	4.55	110
160	160.7	135.6	11.9	5.61	129.9	14.5	6.76	123.0	17.8	8.06	114.3	21.9	9.63	160
200	200.9	169.5	14.8	8.77	162.4	18.2	10.56	153.8	22.2	12.60	142.8	27.4	15.05	200
250	251.1	211.9	18.5	13.70	202.9	22.7	16.50	192.2	27.8	19.69	178.5	34.2	23.52	250
280	281.3	237.3	20.7	17.19	227.3	25.5	20.69	215.3	31.1	24.69	199.9	38.4	29.50	280
315	316.4	267.0	23.3	21.76	255.7	28.6	26.19	242.2	35.0	31.25	224.9	43.2	37.34	315
355	356.6	300.8	26.3	27.63	288.2	32.3	33.26	273.0	39.4	39.69	253.5	48.6	47.42	355
400	401.8	339.0	29.6	35.08	324.7	36.4	42.23	307.6	44.4	50.40	285.6	54.8	60.21	400
450	452.0	381.4	33.3	44.40	365.3	40.9	53.45	346.0	50.0	63.78	321.3	61.6	76.20	450
500	502.3	423.7	37.0	54.82	405.9	45.5	65.98	384.5	55.6	78.74	357.0	68.5	94.08	500
560	562.5	474.6	41.5	68.77	454.6	50.9	82.77	430.6	62.2	98.78	399.9	76.7	118.01	560
630	632.8	533.9	46.7	87.03	511.4	57.3	104.75	484.4	70.0	125.01				630
710	713.2	601.7	52.6	110.54	576.4	64.5	133.05	546.0	78.9	158.78				710
800	803.6	678.0	59.3	140.34	649.4	72.7	168.91							800
900	904.1	762.7	66.7	177.62										900
1000	1004.5													1000
1200	1205.4													1200
1400	1406.3													1400
1600	1607.2													1600

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