

Full-Flow Data for Round Corrugated Pipe

DIAMETER IN.	AREA SQ. FT.	HYDRAULIC RADIUS, FT.
12	0.8	0.250
15	1.2	0.312
18	1.8	0.375
21	2.4	0.437
24	3.1	0.500
30	4.9	0.625
36	7.1	0.750
42	9.6	0.875
48	12.6	1.000
54	15.9	1.125
60	19.6	1.250
66	23.8	1.375
72	28.1	1.500
78	33.2	1.625
84	38.5	1.750
90	44.2	1.875
96	50.3	2.000
102	56.8	2.125
108	63.6	2.250
114	70.9	2.375
120	78.5	2.500
126	86.6	2.625
132	95.0	2.750
138	103.9	2.875
144	113.1	3.000

Full-Flow Data for Corrugated Pipe-Arches

CORRUGATIONS 2 2/3 x 1/2 IN.				CORRUGATIONS 3 x 1 IN. AND 5 x 1 IN.			
Diameter in.	Pipe-Arch Equiv. Size in.	Waterway Area, Sq. Ft.	Hydraulic Radius, ft.	Diameter in.	Pipe-Arch Equiv. Size in.	Waterway Area, Sq. Ft.	Hydraulic Radius, ft.
15	17 x 13	1.1	0.280	54	60 x 46	15.6	1.104
18	21 x 15	1.6	0.340	60	66 x 51	19.3	1.230
21	24 x 18	2.2	0.400	66	73 x 55	23.2	1.343
24	28 x 20	2.9	0.462	72	81 x 59	27.4	1.454
30	35 x 24	4.5	0.573	78	87 x 63	32.1	1.573
36	42 x 29	6.5	0.690	84	95 x 67	37.0	1.683
42	49 x 33	8.9	0.810	90	103 x 71	42.4	1.800
48	57 x 38	11.6	0.924	96	112 x 75	48.0	1.911

54	64 x 43	14.7	1.040	102	117 x 79	54.2	2.031
60	71 x 47	18.1	1.153	108	128 x 83	60.5	2.141
66	77 x 52	21.9	1.268	114	137 x 87	67.4	2.259
72	83 x 57	26.0	1.380	120	142 x 91	74.5	2.373