



AVAILABLE PIPE CLASSES

Size (Nominal)		Outside Diameter		Pressure & Special Class		Nominal Wall Thickness		Pressure Rating	
in	mm	in	mm	PC	SC	in	mm	p.s.i.	kPa
4	100	4.80	121.9	350	-	.25	6.4	350	2410
					52	.29	7.4	350	2410
					54*	.35	8.9	350	2410
6	150	6.90	175.3	350	50	.25	6.4	350	2410
					52	.31	7.9	350	2410
					54*	.37	9.4	350	2410
8	200	9.05	229.9	350	-	.25	6.4	350	2410
					50	.27	6.9	350	2410
					52	.33	8.4	350	2410
54*	.39	9.9	350	2410					
10	250	11.10	281.9	350	-	.26	6.6	350	2410
					50	.29	7.4	350	2410
					52	.35	8.9	350	2410
54*	.41	10.4	350	2410					
12	300	13.20	335.3	350	-	.28	7.1	350	2410
					50	.31	7.9	350	2410
					52	.37	9.4	350	2410
54*	.43	10.9	350	2410					
14	350	15.30	388.6	250	-	.28	7.1	250	1720
				300	-	.30	7.6	300	2070
				350	-	.31	7.9	350	2410
50	.33	8.4	350	2410					
52	.39	9.9	350	2410					
54*	.45	11.4	350	2410					
16	400	17.40	442.0	250	-	.30	7.6	250	1720
				300	-	.32	8.1	300	2070
				350	50	.34	8.6	350	2410
52	.40	10.2	350	2410					
54*	.46	11.7	350	2410					
18	450	19.50	495.3	250	-	.31	7.9	250	1720
				300	-	.34	8.6	300	2070
				350	50	.35	8.9	350	2410
52	.41	10.4	350	2410					
54*	.47	11.9	350	2410					
20	500	21.60	548.6	250	-	.33	8.4	250	1720
				300	50	.36	9.1	300	2070
				350	-	.38	9.7	350	2410
52	.42	10.7	350	2410					
55*	.51	12.7	350	2410					
24	600	25.80	655.3	200	-	.33	8.4	200	1380
				250	-	.37	9.4	250	1720
				300	50	.38	9.7	250	1720
350	-	.40	10.2	300	2070				
52	.43	10.9	350	2410					
56*	.44	11.2	350	2410					
56*	.56	14.2	350	2410					
30	750	32.00	812.8	150	-	.34	8.6	150	1030
				200	-	.38	9.7	200	1380
				300	50	.39	9.9	200	1380
350	-	.42	10.7	250	1720				
52	.45	11.4	300	2070					
52	.47	11.9	300	2070					
52	.49	12.4	350	2410					
36	900	38.30	972.8	150	-	.38	9.7	150	1030
				200	-	.42	10.7	200	1380
				300	50	.43	10.9	200	1380
350	-	.47	11.9	250	1720				
52	.51	13.0	300	2070					
52	.53	13.5	300	2070					
52	.56	14.2	350	2410					

SELECT FOR WORKING PRESSURE

The most commonly used classes of Ductile Iron Pipe and their rated working pressures are shown in the adjacent table. All ratings have an additional 100 psi (690 kPa) allowance for surge. A safety factor of 2:1 is then applied to the working pressure and surge allowance.

SELECT FOR DEPTH OF COVER

The most commonly used classes of Ductile Iron Pipe for underground installation and their maximum depth of cover are shown in the preceding table. The table is based on single H-20 truckload with a 1.5 impact factor. All classes of Ductile Iron Pipe shown are capable of withstanding loads created under a minimum of 1 ft. (.3 m) of cover, providing a Type 5 laying condition is used. For information on other laying conditions and depths of cover, please contact Canada Pipe.

- Pressure ratings shown have an additional 100 p.s.i. (690 kPa) surge allowance.
- Dimensions are subject to manufacturing tolerance.
- * - Recommended classes for grooving.
- Contact Canada Pipe for availability of other Special Classes and larger sizes.