

DATA SHEET

CORRUGATED STEEL PIPE

PRODUCT DESCRIPTION : Corrugated steel pipe, galvanized (GCSP) or aluminized type 2 (ACSP).

FUNCTION : Water course piping.

MANUFACTURING STANDARDS : CSA G401 and ASTM A760/A760M.

RAW MATERIALS : Galvanized or aluminized type 2 steel CSA G401, ASTM 924 and ASTM A929/A929M and ASSHTO M 274.



TECHNICAL DATA : Standard length and annular corrugated end : 3 m (9.8 ft) to 12 m (39 ft).
Structural strength: CAN/CSA - S6 (CL-625) and AASHTO (H-25 and HS-25).

AVAILABLE COUPLER : Soil tight: see technical data table.

TECHNICAL DATA TABLE

Nom. dia. (mm) / Corrugation profile (mm)			Mass (kg/m) / Pipe thickness (mm)					Manning	Minimum backfill (mm)		Maximum backfill (m) / Pipe thickness (mm)				Soil tight connector SC (Split Coupler)	
38 x 6,5	68 x 13	125 x 26	1,3	1,6	2	2,8	3,5	n	CL-625	E-80	1,6	2	2,8	3,5	No. of parts	No. of corrugations
150				7				0,013	300	300	70				1	3
200				10				0,013	300	300	70				1	3
250				12				0,013	300	300	70				1	3
	300			14*	19*			0,013	300	300	70	91			1	3
	375			16*	22			0,013	300	300	57	73			1	3
	400			17*	22	30		0,014	300	300	53	68			1	3
	450			22*	25*	38		0,014	300	300	48	68			1	3
	500			22*	28	38		0,015	300	300	42	54			1	3
	600			29*	33*	45*		0,016	300	300	35	45	66		1	3
	700			30*	36	51	67	0,016	300	300	30	39	57	69	1	5
	750			36*	41*	55	73	0,016	300	300	27	35	52	63	1	5
	800			37*	44*	61*	90	0,017	300	300	26	34	50	60	1	5
	900			42*	48*	69*	100	0,018	300	300	23	30	44	56	1	5
	1000				60*	75*	120	0,019	300	300		27	40	50	1	5
	1200				69*	92*	125	0,022	300	300		23	33	42	1	5
	1400	1400			77*	118*	150	0,022	300	500		20	27	35	2	5
		1500			92*	120*	160*	0,022	300	500		20	27	33	2	5
		1600			95*	125*	166	0,023	300	500		18	25	31	2	5
		1800				149*	185*	0,024	300	500			22	28	2	9
		2000				167*	198*	0,025	300	500			20	25	2	9
		2100				168*	206	0,025	300	610			19	24	2	9
		2200				171*	245*	0,025	300	700			18	23	2	9
		2400				197*	251*	0,025	300	700			16	21	2	9
		2700					273*	0,025	500	700				18	3	9
		3000					304*	0,025	500	1000				16	3	9
		3300					328	0,025	500	1000				14 ⁽²⁾	3	9
		3600					372	0,025	700	1000				12 ⁽²⁾	3	9

Note 1 : In the mass/thickness columns, the symbol * indicates that the pipes are certified by the BNQ for GCSP and ACSP. For the diameter 1400 mm, the 68x13 profile is only certified in the pipe thickness of 2.8 mm.

Note 2 : For specific use only, as the recommended flexibility limit has been exceeded.

Note 3 : Values in the table are approximate and may change without notice.

DATA SHEET

CORRUGATED STEEL PIPE (CONT'D)

APPLICATIONS : Driveway culvert
Steel culvert
Ventilation
Drainage outlet

OPTIONS : Special lengths (available upon request, maximum 22 m (72 ft))⁽¹⁾
Beveled cuts
Steel eyelet⁽²⁾
Arch pipes
Polymer coating
Fish baffles
Perforation (available upon request)
Self-adhesive neoprene roll

Note 1 : Beyond 12 m (39 ft), corrugated annular ends are not possible.

Note 2 : These eyelets are used to reposition the pipes when they are in place in the trench. Handle pipes using slings.