

PIPE DIA mm	BEDDING TYPE	CONFINED TRENCH			
		50-D	65-D	100-D	140-D
Maximum Cover (m)					
300	A-A	5.2	8.5	NL	NL
	B	3.0	4.0	8.2	NL
	C	2.3	3.2	5.3	12.5
375	A-A	5.8	10.1	NL	NL
	B	3.2	4.3	9.9	NL
	C	2.4	3.4	6.1	17.7
450	A-A	6.2	11.1	NL	NL
	B	3.2	4.6	11.3	NL
	C	2.4	3.5	6.6	23.6
525	A-A	6.6	11.7	NL	NL
	B	3.4	4.9	12.2	NL
	C	2.4	3.7	7.0	NL
600	A-A	6.7	12.2	NL	NL
	B	3.5	5.0	12.6	NL
	C	2.6	3.8	7.2	26.2
675	A-A	6.9	12.2	NL	NL
	B	3.7	5.2	12.8	NL
	C	2.6	3.8	7.5	23.6
750	A-A	7.0	12.2	NL	NL
	B	3.7	5.3	12.8	NL
	C	2.7	4.0	7.6	21.3
825	A-A	7.2	12.2	NL	NL
	B	3.8	5.5	12.6	NL
	C	2.7	4.0	7.6	19.7
900	A-A	7.2	12.0	NL	NL
	B	3.8	5.5	12.5	NL
	C	2.7	4.1	7.8	18.4
975	A-A	5.9	8.2	18.6	NL
	B	3.4	4.6	7.9	14.5
	C	2.7	3.7	5.9	9.6
1050	A-A	5.9	8.4	18.7	NL
	B	3.5	4.6	8.1	14.8
	C	2.7	3.7	6.1	9.9
1200	A-A	6.1	8.7	18.7	NL
	B	3.5	4.7	8.4	14.9
	C	2.7	3.8	6.2	10.1
1350	A-A	6.2	8.8	18.6	NL
	B	3.7	4.9	8.5	15.1
	C	2.9	3.8	6.4	10.2
1500	A-A	6.4	8.8	18.3	NL
	B	3.7	5.0	8.7	15.1
	C	3.0	4.0	6.6	10.4
1650	A-A	6.4	9.0	18.0	NL
	B	3.8	5.0	8.8	15.1
	C	3.2	4.0	6.6	10.5
1800	A-A	6.4	9.0	17.8	NL
	B	3.8	5.2	8.8	15.1
	C	3.2	4.1	6.7	10.5

NOTES:

- A. The load factor used for the calculation of the variable bedding factor is:
Class 'A-A' bedding = 2.8,
Class 'B' bedding = 1.9,
Class 'C' bedding = 1.5.
- B. The trench width is based on OPSD-802.03 and is the width of the trench measured at the top of the pipe.
- C. Minimum depth of cover to be 600mm.
- D. Strength Designations are: 50-D, 65-D, 100-D and 140-D in accordance to CSA Standard A257.2.
- E. The table is based on a backfill density of 1900 kg/m³ and Ku value of 0.130 for Confined Trench.
- F. All dimensions are in millimetres or metres unless otherwise shown. See OPSD-802.030 to 802.034 for bedding detail.

LEGEND:

NL = No limit.



STANDARD
SPECIFIED MINIMUM CLASS OF PIPE
 REINFORCED CONCRETE PIPE - CONFINED TRENCH
 CLASS: 50-D; 65-D; 100-D; 140-D

EFF. DATE	2006-01-01	SCALE	N.T.S.
REV.	2	STANDARD No. 2112.071	