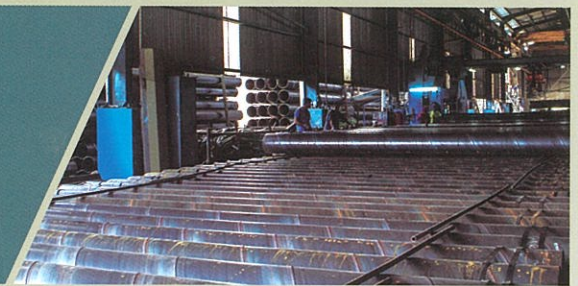


# MSCL Pipe Specification

Span Ts 21827: Part 1 : 2013

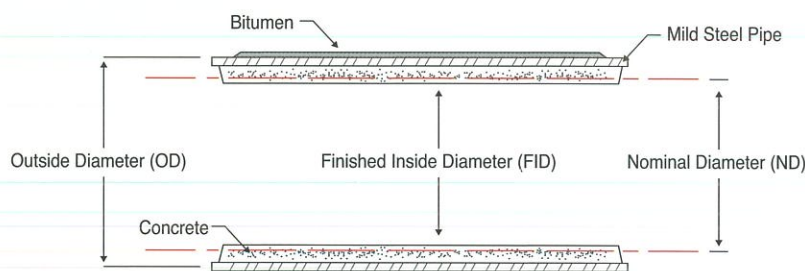
Table 2



Nominal Diameter	Outside Diameter	Minimum Nominal Thickness	Minimum Thickness of Concrete	Thickness of Bitumen Enamel Wrapping	Steel Pipe Weight	Hydraulic Test Pressure (Steel 430)
(mm)	(mm)	(mm)	(mm)	(mm)	(kg/m)	(bar)
100	114.3	3.6	6	3.0	9.8	70
150	168.3	3.6	6	3.0	14.6	70
200	219.1	4.0	10	3.0	21.2	70
250	273.0	4.0	10	3.0	26.5	56
300	323.9	4.0	10	3.0	31.6	48
350	355.6	4.5	13	3.0	39.0	49
400	406.4	4.5	13	3.0	44.6	43
450	457.0	5.0	13	3.0	55.7	42
500	508.0	5.0	13	3.0	62.0	38
600	610.0	6.3	13	3.0	93.8	40
650	660.0	6.3	19	3.0	101.6	37
700	711.0	6.3	19	3.0	109.5	34
750	762.0	6.3	19	3.0	117.4	32
800	813.0	7.1	19	3.0	141.1	34
850	864.0	7.1	19	3.0	150.0	32
900	914.0	8.0	19	3.0	178.7	34
1000	1016.0	8.0	19	3.0	198.9	30
1200	1219.0	10.0	19	3.0	298.1	32
1400	1422.0	10.0	25	3.0	348.2	27
1600	1626.0	11.0	25	3.0	438.1	26
1800	1829.0	12.5	25	3.0	559.9	26
2000	2032.0	14.2	25	3.0	706.6	27
2200	2235.0	16.0	25	3.0	875.5	28
2300	2337.0	16.0	25	3.0	915.8	26
2400	2438.0	16.0	25	3.0	955.6	25
2500	2540.0	17.5	25	3.0	1088.6	27
2600	2642.0	17.5	25	3.0	1132.6	26
2700	2743.0	17.5	25	3.0	1176.2	25

Remarks :

\* Minimum thickness of bitumen enamel wrapping are 3mm or in accordance to customers specifications.



Sectional Drawing for Mild Steel Concrete Lining