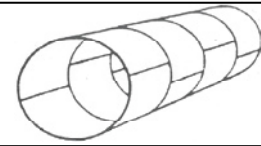


## CORRUGATION 100 CIRCULAR SECTION



CULVERT THICKNESS mm										GEOMETRICAL FEATURES				THEORETICAL WEIGHT WITH BOLTS kg/m				
Heights of cover m										N. of plates	N. of spaces	Diameter m	Section m <sup>2</sup>	Thickness mm				
0,70 ÷ 1,00	1,01 ÷ 4,00	4,01 ÷ 6,00	6,01 ÷ 8,00	8,01 ÷ 10,01	10,01 ÷ 12,00	12,01 ÷ 14,50	14,51 ÷ 16,00	16,01 ÷ 17,00						1,5	2,0	2,5	3,0	3,5
1,5	1,5	1,5	1,5	1,5	2,0	2,0	2,0	2,5		2	8	<b>0,80</b>	0,48	44	57	69	82	95
1,5	1,5	1,5	1,5	2,0	2,5	2,5	2,5	3,0	10		<b>1,00</b>	0,75	54	69	84	100	116	
2,0	1,5	1,5	2,0	2,5	2,5	3,0	3,0	3,5	12		<b>1,20</b>	1,09	63	81	99	118	136	
2,0	1,5	2,0	2,0	2,5	3,0	3,0	3,5	-	14		<b>1,40</b>	1,50	72	93	114	136	157	
2,0	1,5	2,0	2,5	2,5	3,0	3,0	3,5	-	3	15	<b>1,50</b>	1,72	81	103	126	150	173	
2,5	1,5	2,0	2,5	2,5	3,0	3,0	3,5	-	2	16	<b>1,60</b>	1,96	82	106	129	155	178	
2,5	2,0	2,0	2,5	3,0	3,0	3,5	-	-	3	18	<b>1,80</b>	2,49	95	122	149	178	205	
2,5	2,0	2,5	2,5	3,0	3,5	-	-	-		20	<b>2,00</b>	3,08	104	134	164	196	226	
2,5	2,0	2,5	3,0	3,0	3,5	-	-	-		22	<b>2,20</b>	3,73	113	146	179	214	247	
3,0	2,5	2,5	3,5	3,5	-	-	-	-		24	<b>2,40</b>	4,45	123	158	194	232	268	
3,0	2,5	3,0	3,5	-	-	-	-	-	4	25	<b>2,50</b>	4,83	131	168	206	246	283	
3,0	2,5	3,0	3,5	-	-	-	-	-		26	<b>2,60</b>	5,23	135	175	214	255	294	
3,5	3,0	3,0	3,5	-	-	-	-	-		28	<b>2,80</b>	6,07	145	187	229	273	315	

- The diameters indicated are nominal and referred to the circular theoretical section; culverts actually have elliptical section with a standard elongation of about 5% on the vertical axis, except those up to 1,98 m of diameter which are perfectly circular. A perfectly circular pre-moulding can be manufactured on demand for all indicated diameters.
- The dimensions indicated and referring to the inside radius, are nominal and therefore subject to manufacturing tolerances.
- The indicated thicknesses are nominal and refer to not galvanized and unrefined plates; they must conform to the tolerances as per UNI EN 10051 standard if not otherwise agreed; different specifications must be agreed in advance. Even weights, being theoretical, are variable according to the same thickness tolerances.
- The minimum height of cover is to be established with a specific verification by the designer.
- The number of plates, for all kinds of sections, is indicative and may vary according to the availability of the semi manufactured items.