

CULVERT RENEW STANDARD DIMENSIONS

Nom Size	ID (IN)	OD (IN)	Allowable Crush Load (LBS/FT²)	Pipe Stiffness (PSI)	Max Axial Force (LBS)	RSC (LBS/FT)
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STANDARD PROFILE

10	10.00	11.20	4580	46.8	3700	85
12	12.00	13.47	4360	46.9	5100	101
13.5	13.50	15.50	4290	48.1	6400	165
15	15.00	16.85	4220	46.5	7700	126
18	18.00	20.24	3210	47.6	11000	157
21	21.00	23.65	3920	46.7	14000	179
24	24.00	27.06	3920	47.1	18500	209
27	27.00	30.43	3910	47.3	23300	234
30	30.00	33.82	3820	46.9	28100	257
36	36.00	40.65	3840	48.3	40800	319
40	40.00	45.20	3730	47.9	49000	366

LOW PROFILE

12L	12.00	13.20	3900	27.4	4400	55
15L	15.00	16.47	3500	24.9	6300	70
18L	18.00	19.85	3600	27.9	92000	97
21L	21.00	23.24	3600	30.9	12800	124
24L	24.00	26.65	3400	32.2	16000	149
27L	27.00	30.06	3500	34.4	20700	182
30L	30.00	33.43	3500	35.5	25800	207
36L	36.00	39.82	3200	28.2	33400	194
40L	40.00	44.65	3500	36.3	45000	277
42L	42.00	47.20	3500	42.3	51300	252
48L	48.00	53.80	3500	32.5	53000	189