

Pipe Nominal Bore (mm)	Pipe Diametral Stiffness (kN/m ²) DI to BS EN 598
900	18
1000	16
1200	20
1400	18
1600	17
1800	16
2000	16

Table A2-9: Ductile Iron Pipe Diametral Stiffness

Simplified Table of Bedding and Depth

The table below based on:

- a) trench width = pipe external diameter plus 600mm
- b) soil compaction of 85%

For other conditions refer to BS 9295.

Pipe Bore	Bedding Class	Permissible Cover Main Roads m.	Permissible Cover Fields m.
300	S1 & S2	0.6 – 6.0+	0.5 – 6.0+
	S3	0.6 – 6.0+	0.5 – 6.0+
	S4	0.6 – 6.0+	0.5 – 6.0+
	S5	0.9 – 2.7	0.5 – 3.4
450	S1 & S2	0.7 – 6.0+	0.5 – 6.0+
	S3	0.6 – 6.0+	0.5 – 6.0+
	S4	0.9 – 6.0+	0.5 – 6.0+
	S5	---	0.7 – 1.9
600	S1 & S2	1.0 – 6.0+	0.5 – 6.0+
	S3	0.6 – 6.0+	0.5 – 6.0+
	S4	1.0 – 4.9	0.5 – 6.0+
	S5	• ---	----
• 600	Carry out calculations or refer to manufacturers' literature		

Table A2-10: Simplified Table of Bedding and Permissible Cover for DI Pipe