WEHOLITE Burial Table - Pipe Above Ground Water Table .. H25 Live Load

(Burial Depth expressed in Feet)

Size	RSC	40			63			100			160			250			400		
	E'	1000	2000	3000	1000	2000	3000	1000	2000	3000	1000	2000	3000	1000	2000	3000	1000	2000	3000
18											30	56	56						
19.5					27	31	31												
21											30	44	44						
24											30	43	43						
27											30	38	38						
30											30	34	34						
33											30	36	36	30	45	45			
36								26	29	29	27	30	30	30	38	38			
40								19	26	26	25	27	27	30	34	34			
42					14	25	25	16	26	26	24	28	28	30	32	32			
48					12	21	22	14	26	26	21	27	27	29	38	38			
54		NR	13	19	NR	16	23	13	24	24	20	27	27	29	33	33			
60		NR	12	17	NR	14	20	11	22	22	18	28	28	26	31	31			
66					NR	13	18	11	22	22	18	28	28	26	31	31			
72					NR	12	18	9	19	23	15	25	25	23	31	31			
78					NR	11	17	9	19	23	15	26	26	23	28	28			
84					NR	10	16	7	17	19	13	24	24	20	28	28			
90					NR	10	15	NR	16	20	13	22	22	19	26	26	29	31	31
96								NR	15	19	12	23	23	18	27	27	27	31	31
108								NR	13	18	10	21	23	16	25	25	25	31	31
120								NR	12	18	9	19	21	15	24	24	23	31	31

Notes:

1. *Burial depths shown are the maximum burial depths. The minimum burial depth required to ensure adequate distribution of H25 Live Loads is the lessor of the 'ID' or '8 Feet'.*
2. *Design Assumptions.. E=28,300 psi; Deflection Lag Factor=1.5; Soil Loading reduction (Marston) has not been considered.*
3. *Where a value in the table appears 'out of sequence' (see 48" RSC 250), the additional burial depth occurs because the cross sectional properties have not yet been optimised .. i.e the actual RSC is well above that permissable by the standard.*
4. *'NR' .. Not Recommended.*
5. *Where blocks are shown shaded, KWH Pipe does not offer a standard product.*
6. *Blue indicates that the burial depth limit isto limit the imposed load deflection to 5%. Red (or tan) indicates that the limit is based on wall buckling, and green indicates that it is based on the compressive limit (wall crush).*