

**Fill Height Tables are based on:**

- 1) A soil weight of 120 lbs/ft<sup>3</sup>
- 2) AASHTO HS20 live load
- 3) Embankment installation

**Type 2 Beddings**

	Class I		Class IV
	Class II		Class V
	Class III		Special Design

Pipe i.d. (inches)	Fill Height (feet)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>12</b>	1150	650	475	475	500	525	575	650	700	750	825	900	950	1025	1100
<b>15</b>	1075	625	475	450	475	525	575	625	700	750	825	875	950	1025	1075
<b>18</b>	1025	600	450	450	475	525	575	625	700	750	825	875	950	1025	1075
<b>21</b>	1000	575	450	450	475	525	575	625	700	750	825	875	950	1025	1075
<b>24</b>	950	575	450	450	475	525	575	650	700	775	825	900	950	1025	1100
<b>27</b>	900	550	450	450	475	525	575	650	700	775	825	900	975	1025	1100
<b>30</b>	850	550	450	450	475	525	575	650	700	775	825	900	975	1025	1100
<b>33</b>	800	550	425	450	475	525	575	650	700	775	850	900	975	1050	1100
<b>36</b>	775	525	425	450	475	525	600	650	725	775	850	900	975	1050	1125
<b>42</b>	675	525	425	450	475	525	600	650	725	775	850	925	975	1050	1125
<b>48</b>	625	500	425	450	475	550	600	650	725	775	850	925	975	1050	1125
<b>54</b>	600	475	425	450	500	550	600	650	725	800	850	925	1000	1050	1125
<b>60</b>	575	450	425	450	500	550	600	675	725	800	850	925	1000	1075	1125
<b>66</b>	575	450	400	450	500	550	600	675	725	800	875	950	1000	1075	1150
<b>72</b>	575	450	400	450	500	550	600	675	750	800	875	950	1025	1075	1150
<b>78</b>	525	450	400	450	500	550	625	675	750	800	875	950	1025	1075	1150
<b>84</b>	475	425	400	450	500	550	625	675	750	825	875	950	1025	1075	1150
<b>90</b>	450	425	400	450	500	550	625	675	750	825	875	950	1025	1100	1150
<b>96</b>	425	425	400	450	500	550	625	675	750	825	875	950	1025	1100	1175



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	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<b>12</b>	1125	1200	1275	1350	1400	1475	1550	1625	1700	1750	1825	1900	1975	2050	2100
<b>15</b>	1125	1200	1250	1325	1400	1475	1525	1600	1675	1750	1825	1875	1950	2025	2100
<b>18</b>	1125	1200	1250	1325	1400	1475	1550	1600	1675	1750	1825	1875	1950	2025	2100
<b>21</b>	1125	1200	1275	1325	1400	1475	1550	1625	1675	1750	1825	1900	1975	2025	2100
<b>24</b>	1150	1200	1275	1350	1425	1500	1550	1625	1700	1775	1850	1900	1975	2050	2125
<b>27</b>	1150	1200	1275	1350	1425	1500	1550	1625	1700	1775	1850	1925	1975	2050	2125
<b>30</b>	1150	1225	1275	1350	1425	1500	1575	1650	1700	1775	1850	1925	2000	2050	2125
<b>33</b>	1150	1225	1300	1375	1425	1500	1575	1650	1725	1800	1850	1925	2000	2075	2150
<b>36</b>	1150	1225	1300	1375	1450	1525	1575	1650	1725	1800	1875	1950	2000	2075	2150
<b>42</b>	1175	1225	1300	1375	1450	1525	1600	1650	1725	1800	1875	1950	2025	2075	2150
<b>48</b>	1175	1250	1300	1375	1450	1525	1600	1675	1725	1800	1875	1950	2025	2100	2150
<b>54</b>	1175	1250	1325	1400	1450	1525	1600	1675	1750	1825	1875	1950	2025	2100	2175
<b>60</b>	1175	1250	1325	1400	1475	1550	1600	1675	1750	1825	1900	1975	2050	2100	2175
<b>66</b>	1200	1275	1325	1400	1475	1550	1625	1700	1775	1825	1900	1975	2050	2125	2200
<b>72</b>	1200	1275	1350	1425	1500	1550	1625	1700	1775	1850	1925	2000	2050	2125	2200
<b>78</b>	1200	1275	1350	1425	1500	1550	1625	1700	1775	1850	1925	2000	2050	2125	2200
<b>84</b>	1200	1275	1350	1425	1500	1575	1625	1700	1775	1850	1925	2000	2075	2125	2200
<b>90</b>	1200	1275	1350	1425	1500	1575	1625	1700	1775	1850	1925	2000	2075	2125	2200
<b>96</b>	1200	1275	1350	1425	1500	1575	1650	1700	1775	1850	1925	2000	2075	2150	2200



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Pipe i.d. (inches)	Fill Height (feet)														
	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
<b>12</b>	2175	2250	2325	2400	2450	2525	2600	2675	2750	2800	2875	2950	3025	3100	3150
<b>15</b>	2150	2225	2300	2375	2450	2500	2575	2650	2725	2775	2850	2925	3000	3075	3125
<b>18</b>	2150	2225	2300	2375	2450	2500	2575	2650	2725	2775	2850	2925	3000	3050	3125
<b>21</b>	2175	2250	2300	2375	2450	2525	2600	2650	2725	2800	2875	2925	3000	3075	3150
<b>24</b>	2200	2250	2325	2400	2475	2550	2600	2675	2750	2825	2900	2950	3025	3100	3175
<b>27</b>	2200	2275	2325	2400	2475	2550	2625	2675	2750	2825	2900	2975	3025	3100	3175
<b>30</b>	2200	2275	2350	2400	2475	2550	2625	2700	2750	2825	2900	2975	3050	3125	3175
<b>33</b>	2200	2275	2350	2425	2500	2575	2625	2700	2775	2850	2925	2975	3050	3125	3200
<b>36</b>	2225	2300	2375	2425	2500	2575	2650	2725	2800	2850	2925	3000	3075	3150	3225
<b>42</b>	2225	2300	2375	2450	2500	2575	2650	2725	2800	2850	2925	3000	3075	3150	3225
<b>48</b>	2225	2300	2375	2450	2525	2575	2650	2725	2800	2875	2950	3000	3075	3150	3225
<b>54</b>	2250	2300	2375	2450	2525	2600	2675	2725	2800	2875	2950	3025	3100	3175	3225
<b>60</b>	2250	2325	2400	2475	2525	2600	2675	2750	2825	2900	2975	3025	3100	3175	3250
<b>66</b>	2275	2325	2400	2475	2550	2625	2700	2775	2825	2900	2975	3050	3125	3200	3275
<b>72</b>	2275	2350	2425	2500	2575	2625	2700	2775	2850	2925	3000	3075	3125	3200	3275
<b>78</b>	2275	2350	2425	2500	2575	2625	2700	2775	2850	2925	3000	3075	3125	3200	3275
<b>84</b>	2275	2350	2425	2500	2575	2625	2700	2775	2850	2925	3000	3075	3125	3200	3275
<b>90</b>	2275	2350	2425	2500	2575	2625	2700	2775	2850	2925	3000	3075	3125	3200	3275
<b>96</b>	2275	2350	2425	2500	2575	2625	2700	2775	2850	2925	3000	3075	3125	3200	3275