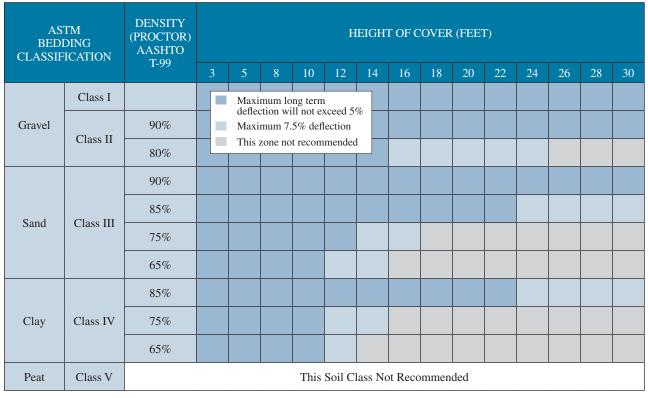
## Engineering & Technical Data R-18

## SDR-35 Sewer Pipe Depth of Bury Guide

## Maximum Long-Term Deflection (Percent) of PVC SDR 35 Pipe



**NOTE:** Deflection values shown do not include effect of live load or longitudinal bending.

- No length of pipe installed under conditions specified will deflect more than is indicated; the pipe will deflect less than the amount indicated if specified density is obtained.
- External loading based upon soil weight of 120 lbs. per cubic foot.
- Deflections predicted are based upon pipe which was initially circular prior to installation. Actual deflections may differ because of initial out-of-roundness caused
- by storage and/or handling. These variations should be taken into account when measured deflections are compared with those in the table.
- Bedding classifications are as indicated in the above table and correspond to ASTM D2321.
- Deflections listed in table are maximum long term values. The suggested maximum long term value is 7.5 percent which is approximately equal to a 5 percent initial deflection.
- Initial deflection is deflection taken within the first 24 hours after trench is backfilled.

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