

Installation Recommendations for HDPE Meter Boxes

1. Embedment Material:

DO NOT USE ROCKS OR FROZEN CLOUDS GREATER THAN 1 ½” IN BACK-FILL OR IN CONTACT WITH THE BOX. The same bedding as would be used for SDR 35 flexible walled pipe. Class I, II, III & IV – Native to angular aggregates 1 ½” in diameter or less. (³/₄” minus)

Introduce initial backfill in one-foot increments lightly tamping each level with native or imported backfill containing aggregates 1 ½” or less in diameter. **DO NOT USE PEA GRAVEL OR ROUND RIVER ROCK.**

2. Box Installation:

Backfill by replacing excavated soil or import in one foot lifts.

Place a 2x6 wood support across short side in base of box if compaction devices are employed around the box.

3. Parking Lot/Driveway Installation:

Place metal lids upside down in boxes before pouring cement. Place a 2x 6 wood support in base of box if compaction devices are employed around the box.

4. Installation in flowing and saturated sand, silt and mud without cohesion:

NOT RECOMMENDED.

5. After installation, especially where wet soil surrounds boxes, do not allow drive-by equipment in close proximity to boxes as this will create excessive side loads which may realign the box and loose grade.

6. When reshipping boxes from distributor yard wood staves must be placed into lid area of top boxes before shipping to insure no side inward bowing.

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Stacking Boxes & Using Extensions:

1. Measure base of hole to ground level at each end. Cut extension to correct height noting the lid area is 1.75" deep.
2. Stack boxes to a greater height than measurement, cut off base of riser box to correct height and or angle.
3. Use 2 screws on each side as depicted when stacking boxes. This provides much greater strength against side loads and is easier to set grade when boxes are in the ground, they won't pull apart allowing dirt into the lid area. Use 2 screws on each side for the 11-18 and 13-24 extensions and 3 screws each side on the 15-27 and 17-30 extensions.
4. Place boxes in meter pit and backfill. **DO NOT PLACE LARGE ROCKS (1 1/2") IN BACKFILL OR NEXT TO BOX.**

NOTE: FOLLOW INSTALLATION RECOMENDATIONS.

5. **DO NOT ALLOW DRIVE-BY** equipment around boxes until the soil has dried.
6. Self-tapping screws are also recommended when stacking regular boxes.

