

METER PIT INSTALLATION GUIDE



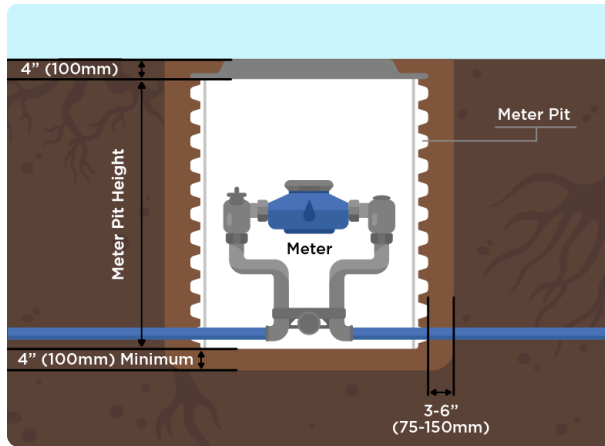
USAGE

Fratco Meter Pits are designed to protect gas and water meters while allowing safe, reliable access in residential and commercial settings. Manufactured from high-density polyethylene, Fratco meter pits are non-corrosive, crack-resistant, and engineered for long-term performance.

Installation methods may vary by site and jurisdiction. This guide outlines Fratco's recommended installation practices for typical applications.

GENERAL INSTALLATION GUIDELINES

- Approved for trafficked and non-trafficked applications
- Install on a minimum 4" bedding layer
- Maintain at least 4" of cover above the meter pit rim
- Compact all bedding and backfill materials
- Install lids per manufacturer-specific lid requirement



Non-Trafficked Applications (No vehicular loading)

Support Method

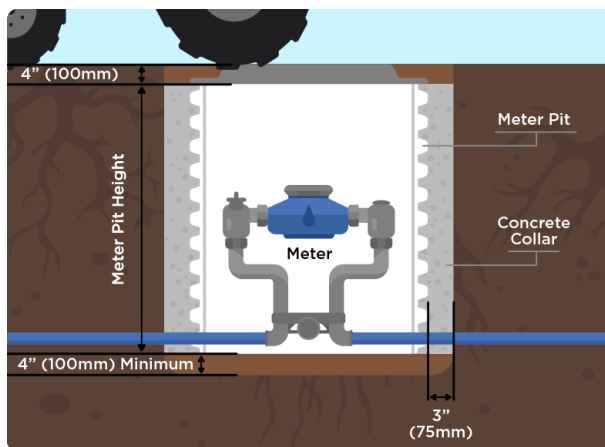
- Compacted soil envelope

Trench Dimensions

- Trench must allow full compaction around the meter pit
- Trench width should extend 3"-6" beyond outside corrugations
- Trench width depends on selected backfill material

Backfill & Support

- Compact backfill evenly around the meter pit
- Knife material between corrugations during placement
- See Backfill Requirements below for additional material and compaction guidelines



Trafficked Applications (Vehicular loading present)

Support Method

- Concrete foundation, frame, and collar required

Concrete Collar Requirements

- Encircle the full circumference of the meter pit
- Maintain 3" clearance from the pit structure
- Transfer surface loads into surrounding soil

Lid Installation

- Lid must be supported only by the concrete frame
- No load should transfer directly to the meter pit body

BACKFILL REQUIREMENTS

Backfill provides lateral support to the meter pit while helping prevent settlement. All backfill materials must be properly compacted, including knifing material between meter pit corrugations during placement. Native soils must be compacted in 12-inch lifts and should not be used if adequate compaction cannot be achieved.

BACKFILL TYPE	SIDEWALL THICKNESS
Native soil	6 in (0.15 m)
Compacted sand	6 in (0.15 m)
Crushed stone	3 in (0.08 m)
Gravel	3 in (0.08 m)

⚠ WARNING

All vertical pit installations must be securely covered at ground level, as open or unsecured vertical openings pose a serious safety hazard that can result in injury or death to people or animals. *Fratco assumes no liability for damages resulting from uncovered vertical pipes, improper installation, or failure to follow required safety precautions.*

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