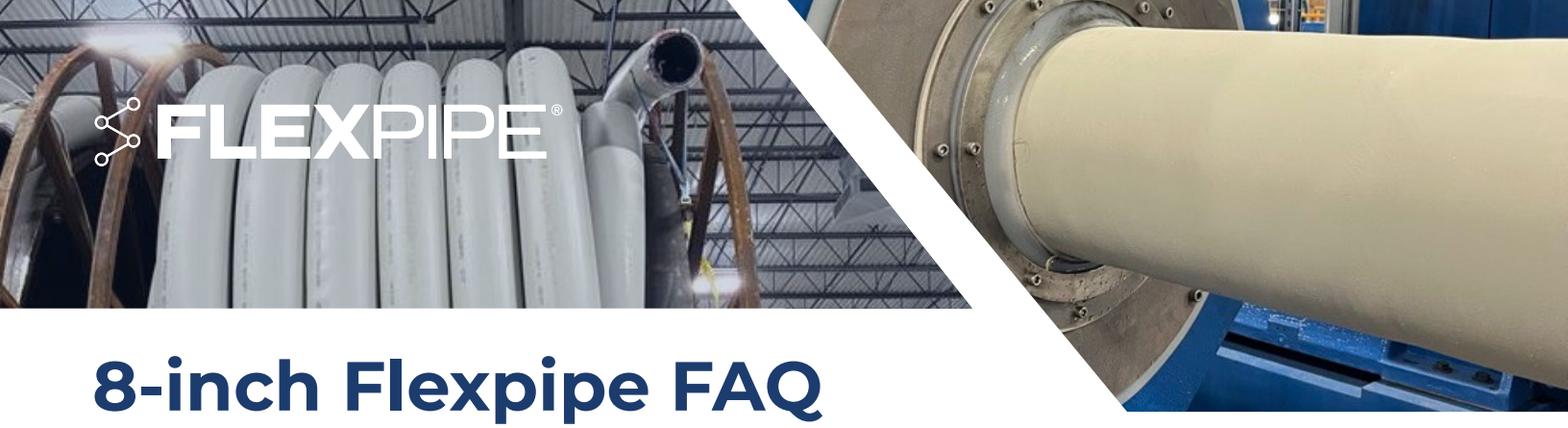

8-inch Flexpipe FAQ

The 8” Flexpipe product is spooled on a larger 16-foot or 17-foot(4.9 m) diameter by 8-foot-wide reel. Due to its size, transporting the reel in a vertical position would exceed routine transportation limits. To ensure safe, compliant, and efficient delivery, the reel is transported horizontally rather than using the conventional vertical reel delivery method. Using a reel tipper, 8-inch Flexpipe reels are put upright upon delivery and can be handled with an 8-inch deployment trailer, similar to other sizes.

What Should Customers be Aware of for Unloading and Deployment Equipment?

Because 8-inch Flexpipe is delivered horizontally, unloading and deployment typically involve additional planning, compared to smaller reel sizes.

Unloading Equipment:

- 40-ton crane recommended for maneuverability
- Step ladder and fall arrest may be required for attaching rigging
- Approximate reel weight: ~20,000 lbs (fully loaded)
- Minimum 20-foot lifting slings
  - Appropriate spreader bar with shorter slings may also be used
    - *Contact Flexpipe for more details*
- Reel tipper is required for transition from the horizontal shipping to vertical deployment position
  - Reels are not designed to be tipped without a tipper



Reel tipper available to rent from Flexpipe

Deployment Requirements:

- Self-loading reel trailer available to rent from Flexpipe
- A pipe manipulator, which is attached to a dedicated excavator, is required to handle pipe and assist with fitting installation
- • 30-36 ton excavator with one way flow hydraulics plumbed to the end of the boom. A quick connect bucket is recommended for easier attachment
- Manipulator requirements:
  - Installation prior to project initiation
  - Excavator hydraulic specification:
    - 3,000 psi (20,682 kPa)
    - 25 gpm (94.64 L/min)
    - One way flow
- Second track hoe/other suitable lifting equipment for support is recommended
- Crew of 2 laborers to assist technician
- Minimum of four pipe cones required



Pipe manipulator available to rent from Flexpipe