First-in-Class joins forces with Best-in-Class

Flow-Crete™ is a first-in-class composite pipe designed to meet the strict requirements of jacking and microtunneling installations for both pressure water and sewer applications. It combines the compressive strength of reinforced concrete with the corrosion resistance and pressure capabilities of the **Flowtite**™ fiberglass pipe.

This composite pipe incorporates an outer load-bearing wall of reinforced concrete and an inner **Flowtite**™ fiberglass liner pipe. The wall thickness of the RCP is designed to accommodate the jacking loads and distances under consideration and the dimensions of the equipment used in the jacking process. The **Flowtite**™ liner is built to withstand the internal pressure of aggressive sanitary sewers and other corrosive liquids. **Flow-Crete**™ is supplied with injection ports and pressure compression rings to facilitate jacking operations when required.

FLOW-CRETE™
JACKINGPIPE
Single-pass pressure pipe for water and sewer applications.

THOMPSON™
PIPE GROUP

3009 N Laurel Avenue | Rialto, CA 92377 | 909-434-1888
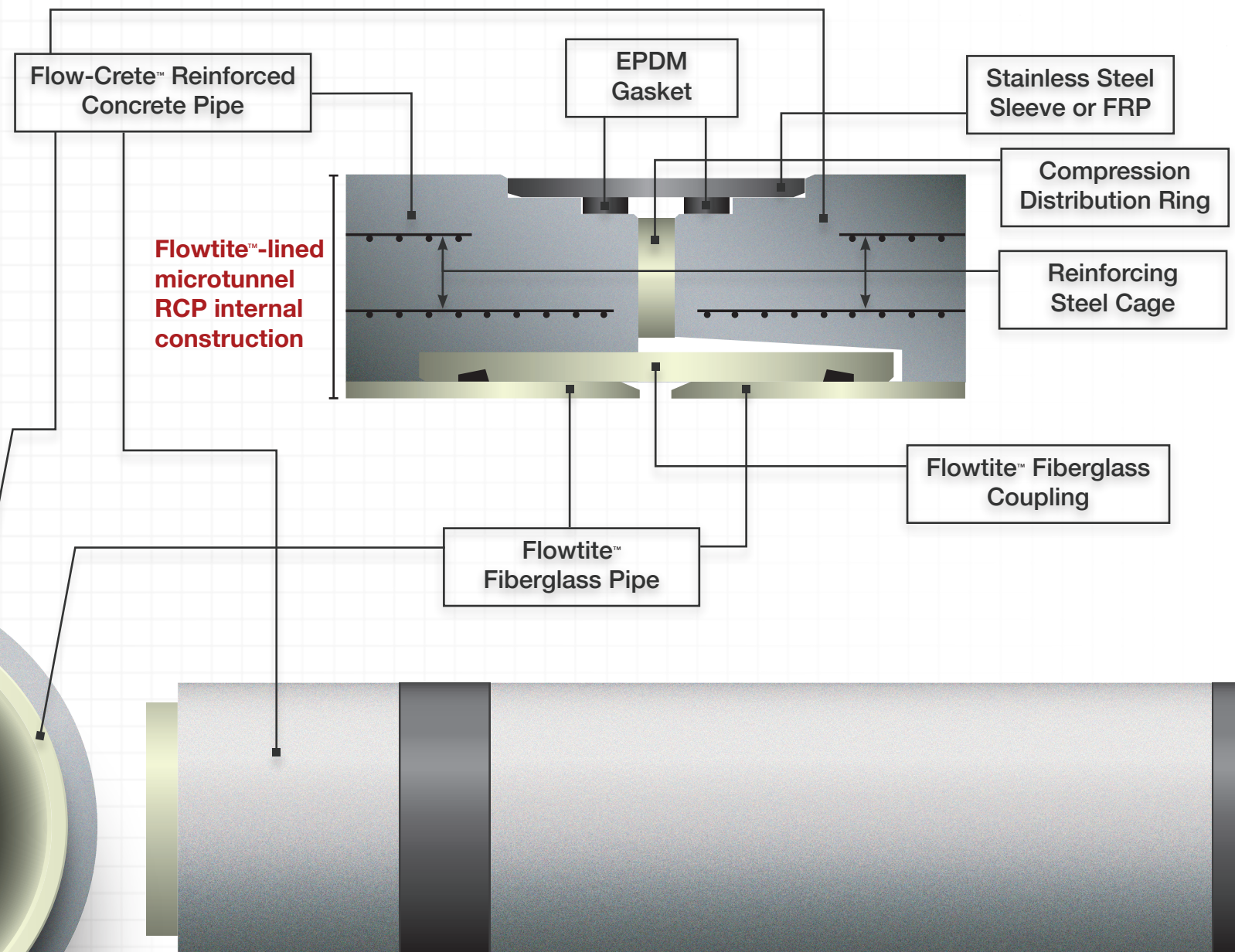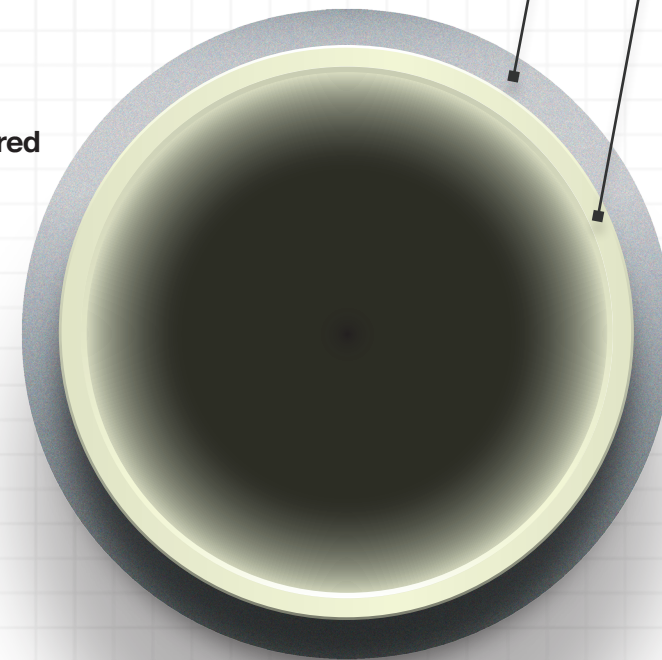
FLOW-CRETE™

FLOW-CRETE™

STRENGTH UNDER STRAIN

In jacking and microtunnelling applications, the strain can create instability in the pipe posing the risk of buckling, collapsing, or catastrophic failure. Flow-Crete™ pipe was designed to mitigate these risks.

Thompson Pipe Group™ combined the compressive strength of reinforced concrete with the corrosion resistance and pressure capabilities of Flowtite™ fiberglass pipe. Flow-Crete™ is manufactured under the strictest quality controls.

√ Computer-controlled batching maintains consistency and provides uniform jacking loads for each pipe.

√ Higher compressive strength mixes can be formulated to increase the allowable jacking forces, which provides the ability for longer drives.

√ The Flowtite™ pressure joint system is cast inside the Flow-Crete™ creating a pressure-rated, microtunneling pipe.

√ Flow-Crete™ is designed and manufactured to each customer specification and project.

Flow-Crete™ Reinforced Concrete Pipe

Flowtite™-lined microtunnel RCP internal construction

EPDM Gasket

Stainless Steel Sleeve or FRP

Compression Distribution Ring

Reinforcing Steel Cage

Flowtite™ Fiberglass Coupling

Flowtite™ Fiberglass Pipe

The graphic is an example. The joint design can be customized to each project.

FLOW-CRETE™