

Safe-T-L-Stopper

Gas-Free* Service Tee Renewal and Abandonment Tool for Elbow Swing Joints



Presentation Goals

What is the Safe-T-L-Stopper?

What are the tool's benefits?

What is the typical operation?

What is the Safe-T-L-Stopper?

The **Safe-T-L-Stopper** is specifically designed for Gas-Free* elbow service swing joints, where the elbow connects directly to the main and has no way of shutting it down.

Increases Worker Safety: Eliminating the dangers of uncontrolled blowing gas when removing elbow services...

How does it work?

The Safe-T-L-Stopper is attached to an elbow creating a gas-tight seal. The drill assembly cuts a hole into the back side of the elbow and a rubber stopper is inserted into the throat of the elbow stopping the gas flow to the branch.

The elbow can then be abandoned according to company procedures.



Safe-T-L-Stopper Benefits



1. No blowing gas providing a safe work environment.
2. Reduces fitting and labor cost by eliminating stopple and by-pass procedure.
3. Reduce excavation cost by only uncovering the working area of the service and branch.
4. Fast, efficient operation which can be completed within 30 minutes.
5. No blowing gas means no wasted service call man hours from reports of gas odors. Maintains good public relations with the public.
6. No need for personal air supply, saving the cost of bottled air as well as the time it takes to suit up.
7. Reduces greenhouse emissions.

Capabilities

$\frac{3}{4}$ " – 1 $\frac{1}{4}$ " Elbow Swing Joints operating at a maximum 60 psig in the following configurations:

- Female x Male Elbow on a TOE nipple
- Female x Female Elbow on a TOE Nipple
- Male x Female Elbow threaded into a coupling



Female x Male Elbow on a TOE nipple



Female x Female Elbow on a TOE nipple



Male x Female Elbow threaded into a coupling

Example Operation



Clean work area and elbow. File any raised castings



Choose the correct seal base on configuration.

Typical Operation Examples



Fit seal.



Fit Elbow Housing.

Typical Operation Examples



Tighten housing.



Fit Ball Valve and Drill Assembly



Drill through the backside of the elbow.

Typical Operation Example



Fit magnet attachment and remove shavings.



Fit Viewport to ensure no obstructions.

Typical Operation Examples



Insert rubber stopper below the branch.
(Stopper shown next to housing for illustration)



The operation is complete.
Rubber stopper inserted into the elbow. Equipment removed. Elbow can be removed from the main and abandoned according to company procedures.

Contact

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