PLIDCO® SMITH+CLAMP™

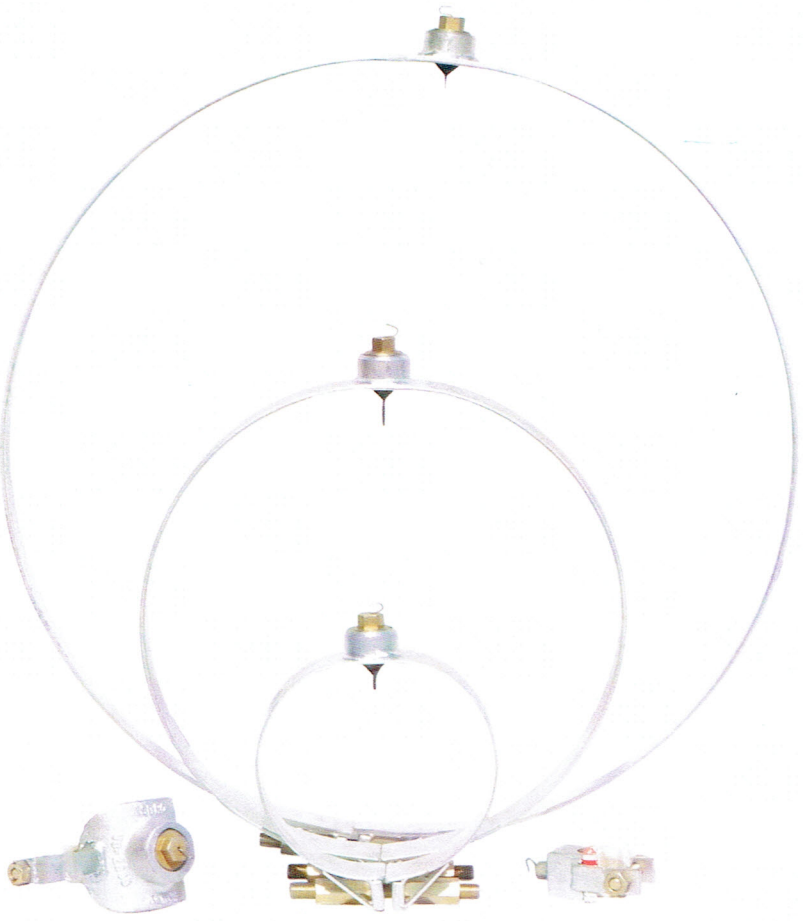
Locates & stops pit hole leaks with ease

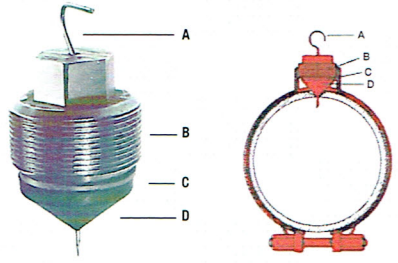
The PLIDCO® Smith+Clamp™ is light-weight and easy to handle which makes using it to shut-off high pressure leaks simple and sensible. The exclusive pilot pin makes it possible to locate pit-hole leaks even if they can't be seen which makes the Smith+Clamp™ the product you want to use in dark spaces or on submerged lines. The force screw exerts pressure directly on the cone, rather than applying force with the draw bolts, which reduces the danger of caving in corroded pipe. This product can be used while the pipeline is in service.

Available in standard sizes 1.5" through 48"; 2000 psi. The maximum working pressure of a PLIDCO® Smith+Clamp™ is based on a 1/8" diameter pinhole. Larger holes, up to ½" diameter, can be sealed at reduced pressures. Contact PLIDCO® for pressure recommendations. Special sizes are available upon request.

Buna-N is standard packing for the cone.
Viton, Silicone and other packings are available upon request.

Standard Body Material:
- Mild Carbon Steel





A. Pilot pin (1/16" diam. stainless steel wire) goes down through center of force screw and cone, locates hole, guides cone point (D) to trouble spot.

B. Steel packing force-screw. Turned with wrench, it forces point of cone into leaking hole. Additional wrenching pressure flattens cone into flat disc shape.

C. Thrust washer. Permits force-screw (B) to turn without rotating cone.

D. Pointed cone serves as leak packing.

Pressure rating up to 2000 psig working pressure, depending upon leak area and temperature.

PLIDCO® WELD+CAP

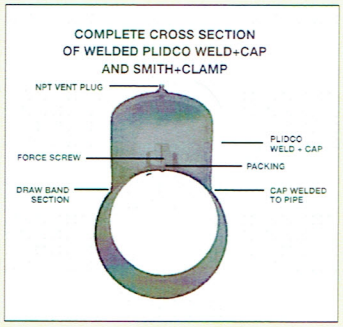
Use with the Smith+Clamp for a permanent repair

The PLIDCO® Weld+Cap is used with the PLIDCO® Smith+Clamp™ for a safe and permanent welded pipe repair while the line is in service. The Weld+Cap is designed for working pressures up to 2000 psig and meets the latest unfired pressure vessel piping specifications and DOT requirements.

Available in standard sizes 4" through 48" pipe sizes. Special sizes are available upon request.



Standard Body Materials:
- ASTM A105
- ASTM A516 Gr. 70
- ASTM A234 Gr. WPC



PIP051

THE PIPE LINE DEVELOPMENT COMPANY
870 Canterbury Road • Westlake, Ohio 44145 • USA
+1 440-871-5700 • Fax +1 440-871-9577
pipeline@plidco.com • www.plidco.com

ISO 9001:2008 REGISTERED FIRM
ISO 14001:2004 REGISTERED FIRM

"Working together to make hazardous piping safer"