

## Gas Sealer Sleeve™

Gas Sealer Sleeve™ provides long-term leak seal in 4" to 54" diameter gas mains. The sleeves are installed internally covering joints, cracks and areas of corrosion.

### 24" CI Gas Pipe



### A sleeve being installed.



### Gas Sealer™ Sleeve Installed

The sleeve core is made of stainless steel SST-316 with an internal ratchet locking mechanism. The outside gasket is saturated with resin and mechanically pressed against the host pipe. When the sleeve is expanded it locks in place. The resin is an ambient temperature cured epoxy that seals the sleeve in place and mechanically bonds to the host pipe, thus sealing the joints and pin holes.



Gas Sealer Sleeve™ was jointly developed in conjunction with Consolidated Edison, KeySpan Energy (prev. Brooklyn Union/Lilco) and NYGAS

## Technical Data:

### Applications for Gas Sealer™ Sleeve:

- Cast Iron low (0.25-0.5 psi) and medium (15 psi) pressures.
  - Spot repair using expandable stainless steel sleeves with sealant.
  - Seals, joints, cracks, abandoned mains/services
  - Applicable to pipes from 4" (100mm) to 54" (1350mm)
- Steel (up to 150 psi)
  - Area repair with multiple sleeves of varying lengths
  - Seals welds, flanged joints, and couplings
  - Applicable to pipes from 4" (100mm) to 54" (1350mm)

Gas Sealer™ Sleeves are available in diameters ranging from 4" (100mm) to 54" (1350mm) with standard lengths of 6" (150mm), 8" (200mm), 12" (300mm), 18" (450mm), 24" (600mm) and 36" (900mm)

**Gas Sealer™ Sleeve** in standard form is made of a stainless steel core covered with a sealing material.

Sleeves are equipped with a Ratchet Lock mechanism. The Ratchet Lock mechanism offers dimensional flexibility to compensate for host pipe irregularities. Old cast iron mains may have unpredictable variations in manufacturing tolerances, roundness and joint offsets to which the sleeve must conform.

Sleeves are also available for storm and sanitary sewers, industrial pipelines and potable water.



**Gas Sealer™ Sleeves ready for installation**