APPLICATIONS

- **Typical Uses**
  - Joining plain-end pipe of same outside diameters
  - Replace split or excessively damaged pipe

- **Standard Pipe Sizes**
  - 0.5” to 2” nominal

- **Type of Pipe**
  - Carbon Steel, Stainless Steel, PVC, Copper (with use of adapter gasket)

- **Working Pressure**
  - 150 psi

MATERIALS

- **Compression Nut**
  - Cast using Ductile or Malleable Iron
  - Galvanized finish for improved corrosion resistance
  - Wrench flats shall be cast in for wrench engagement or holding during installation
  - Coupling to allow for installation of mating pipe ends without disassembly of fitting

- **Sleeve**
  - Cast using Ductile or Malleable Iron
  - Galvanized finish for improved corrosion resistance
  - Deflections up to 4° (2° per end) shall allow for pipe movement and installation on pipe that is not perfectly aligned
  - Wrench flats are cast in body for wrench engagement or holding during installation
  - Stab fit design for ease of installation

- **Gasket**
  - Nitrile (Buna-N) per ASTM D2000
  - Compounded to resist water, oil, acids, alkalies, most (aliphatic) hydrocarbon fluids, and many other chemicals
  - Temperature range: -20°F to +180°F
  - Brass helix spring molded into the leading edge enhancing corrosion protection and electrical conductivity

- **Retainer**
  - Formed using Carbon Steel
  - Designed to hold gasket in place and concentrate compression for maximum pipe support, reinforcement and sealing pressure
OPTIONS

- Adapter Gasket (used in copper tube applications)

NOTES

- This product does not restrain the pipe from pulling out of the fitting
- These product specifications were correct at the time of publication and are subject to change without notice
- See the Smith-Blair® web site for part numbers and ordering information
- See the Smith-Blair® web site for warranty information
- See the Smith-Blair® web site for corrosion warnings