

# HOME-FLEX®

## Pressure Gauge Instructions



3/4" female pipe thread socket to fit male pipe threads of piping system



Gauge Dial  
Pressure needle  
Schrader filler valve



Pointer needle to indicate loss of pressure after system has been pressurized

## Intended Use

- Designed for preliminary pressure loss testing of fuel gas piping systems after installation or modification.
- Testing must comply with local fuel gas codes.
  - Some codes require specific gauges for official tests; in those cases, this gauge may not qualify.
- System is pressurized using air only via a bicycle pump or low-pressure compressor.
  - Do NOT use natural gas or propane to conduct the test.

## Usage Instructions

1. Install or gauge at an appropriate point on the gas piping system.
  - a. Refer to the HOME-FLEX Installation Manual for system guidance.
2. Compatible with CSST, black iron, galvanized, and HDPE/MDPE underground gas piping.
3. Isolate the new section being tested.
  - a. Remove gas valves from the test zone (most are rated only 1/4 - 1/2 psi and will fail at test pressure).
4. Use proper caps and plugs to seal the system.
  - a. Shipping thread/end protectors are not pressure-rated.
5. Pressurize with air:
  - a. Indoor CSST, black iron, galvanized: typically 15 psi (or 1/2 x max operating pressure, minimum 3 psi), hold 15-30 minutes.
  - b. Underground poly pipe: 15 psi, hold 15-30 minutes.
  - c. Avoid extended or overnight tests due to temperature and pressure fluctuations.
6. Mark the needle position once pressurized.
  - a. No needle movement = acceptable installation.
7. Remove the gauge and seal the pipe.
  - a. Test the final connection with leak-detection fluid (soapy water) or a gas detector.

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