

# Pressure Test

Pressure testing according DIN1988-2 for pre-insulated piping system Flexalen®



## Required Tools

Pressure pump

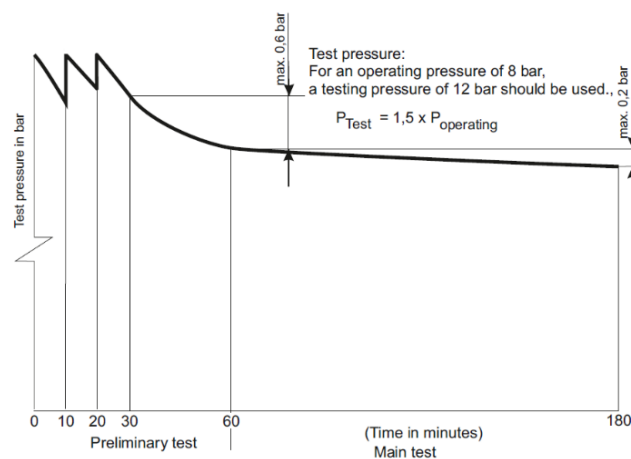
Filling unit

Pressure gauge (with accessories)

## Application Instruction

### Application conditions and preparation

- Ambient temperature: >0°C
- All connections have been made & all welds have cooled down at least 2 hours (24 hours for fittings ≥125mm) ago, information for other connection types you will find in our installation instructions
- All end points have been sealed or the valves to other system parts are closed and labeled with "do not operate/open"



01. Perform **leak test** with potable water (max 0.5 bar). Measuring point is the lowest point in the pipe system. Start pressure test only after leak test is successful (there are no leakages)!

**Note:** use air for leak test only if necessary and only use compressor with oil separator

02. Perform **preliminary pressure test** at 1.5 times the working pressure. The pressure must be checked every 10, 20 and 30 minutes and, if necessary, brought back to the same level (to 1.5 x working pressure). The pre-test is successful, if the pressure drops between 30 minutes and 1 hour is less than 0.6 bar.

03. Perform **main pressure test** immediately after the preliminary test. The duration of the test is at least 2 hours (120 min). The main pressure test is successful if the pressure drop during the test is less than 0.2 bar over the entire system.

**DURING THE PRESSURE TEST REPORT MUST BE FILLED IN (next page)**

### Disclaimer

All recommendations and information provided on this instruction leaflet are based on our knowledge and experience. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied or that any use of products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.

# Pressure Test Report

Object: \_\_\_\_\_

## Preliminary test

Starting Pressure \_\_\_\_\_ bar  
(1.5 x working pressure)

Pressure after 30 minutes \_\_\_\_\_ bar

Pressure after 60 minutes \_\_\_\_\_ bar  
(max. pressure drop of 0.6 bar between 30 mins and 1hour)

Leakage  yes  no

## Main test

Starting Pressure \_\_\_\_\_ bar  
(End pressure of preliminary test)

Pressure after 120 minutes \_\_\_\_\_ bar  
(max. pressure drop of 0,2 bar since the beginning)

Leakage  yes  no

Plumber / Company: \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature