

# HOW TO INSTALL BRAWOLINER®

## STEP 1: Clean the line as thoroughly as possible

Getting as much of the grease/fat/dirt/excrement out as possible allows for better contact to the host pipe (descaling is essential as well, if applicable).

**Keep track of potential branch connections in notes using footage from camera.**

For a detailed step-by-step instruction on how to install Brawoliner, please read the "Process Instruction" guide on our website: [www.brawosystems-usa.com/downloads](http://www.brawosystems-usa.com/downloads) or use QR code below.

## STEP 2: Wet out

**Must use vacuum to wet out liner (-7PSI)**

- Follow roller gap on resin consumption chart, ideally using an auto-roller. Unless absolutely necessary, do not hand pull the liner through the rollers.
- Arrow on liner must face the rollers during wet out. (see image)
- Mixing ratio for Brawo I/III/SRR is 3:1. Resin should be at approximately 58 degrees before mixing for maximum working time. 3 minutes mixing time.



## STEP 3: Roll in drum

- **Arrow pointed in the direction of inversion** and pointed away from the drum axle.
- Use dish soap or detergent and water for non-UV installation. Use food grade silicone spray for lubrication with UV-system

## STEP 4: Inversion

- Using a drum will allow for the most control. **Go low and slow**, starting at 3 PSI and bumping slowly only if needed. **Do not go above 8PSI.**
- Ideal method is with an end cap, but if using calibration hose, it is recommended to do a "2-stage" shot (shoot liner then calibration hose separately).

## STEP 5: Curing

- Curing pressure is 7PSI
- Follow cure times in chart - **Rule of thumb: an increase of 18°F halves working time; a decrease of 18°F doubles working time.**
- Allow liner to cool (HWC/Steam use cold water or cold air to 75°F and for UV cool for 10 mins under air).