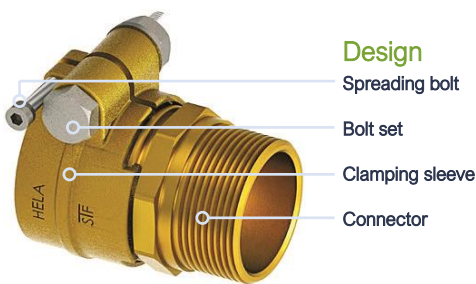


# Compression Fitting

Mechanical fitting system for polybutene service pipes (PB-1) of pre-insulated piping system Flexalen<sup>®</sup>



### Design

- Spreading bolt
- Bolt set
- Clamping sleeve
- Connector



### Required Tools

- Screw wrench and/or adjustable spanner wrench
- Allen key set
- Cleaner
- Tissues

## Application Instruction

### Application conditions and pipe preparation

- Ambient temperature: +5 to +40°C
- Service pipe is cut straight and without damage
- Service pipe is free from dirt and condensation



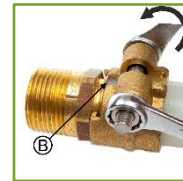
**01.** Open the clamping sleeve by using the spreading bolt with an Allen key. Place clamping sleeve on the medium pipe.



**02.** Insert the connector into the medium pipe.



**03.** Place the clamping sleeve in such a way that the tabs (A) align with the groove on the body.



**04.** Start tightening. Tighten periodically and allow the pipe to modify. Ensure that the pipe always stays in the bottom (B).



**05.** Tighten the bolt until the clamping sleeve is closed. For fittings > 63mm a gap of 3-7mm is allowed. Retighten the bolts after 30min.



**06.** Inspection (after 30 min):  
**a)** If the service pipe is still in place and there is no gap (fittings ≤63mm) or gap of max 7mm (fittings >63mm) the fitting is placed correctly.



**b)** If there is a gap (fittings ≤63mm) or gap >7mm (fittings >63mm) take a picture and a registration of the medium pipe / fitting combination including a measurement of the gap. Retighten the bolt again after 24 hours.



**07.** Start pressure testing according DIN:1988-2.

**Note:** Check and retighten compressing fitting again before insulating.

### Disclaimer

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