

## Installation Guide

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Treat Buteline Polybutene-I installations in a tradesman-like manner. Use the complete “Buteline” System – clamp tools, pipe, fittings, etc.

### Preparation Of Pipe

- (a) Cut the pipe to length squarely and cleanly using only approved pipe cutters.
- (b) Allow enough length for expansion / contraction (minimum 10mm per metre).
- (c) When measuring, allow 15mm of pipe for each fitting.
- (d) Pipe must be clean and free from grease or any other contamination.
- (e) Pipe must have no kinks, buckled sections, deep scores, etc.
- (f) Buteline Polybutene-I pipe identification marks are printed at 1 metre intervals.

### Position Of Fittings

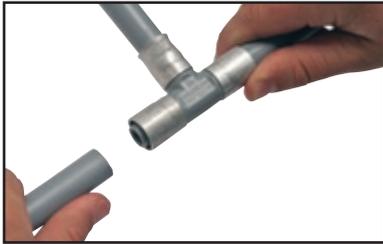
- (a) Fully insert (push home to shoulder) the pipe into Buteline fittings (see figs. 1 and 2, page 14).
- (b) Pre-position fittings correctly on the pipe to achieve alignment with all other pipework prior to final clamping.

## Installation Demonstration for 15mm, 20mm & 28mm

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1. Cut the pipe with the Buteline pipe cutter.



2. Insert the pipe into the fitting.



3. Clamp approximately 2mm in from the end of the fitting, close the tool handles completely to the stops provided, and hold firmly for around 2 seconds then release.



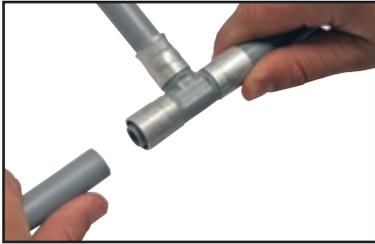
4. The process of installing the system is clean and quick, leaving a **SECURE JOINT** guaranteed!

## Installation Demonstration for 15mm Using the QuikClamp Mini Tool

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1. Cut the pipe with the Buteline pipe cutter.



2. Insert the pipe into the Buteline fitting. Ensure you push the pipe all the way (15mm) into the shoulder of the fitting.



3. Clamp once only, approximately 2mm in from the end of the clamp ring. Close the clamp tool handles completely, holding firmly until the ratchet allows the handles to open and release.



4. Use the gauge provided to check that the full clamp force has been achieved. If the gauge does not pass over the ring, the ring is under-clamped. It is important that the gauge passes over the clamp ring.