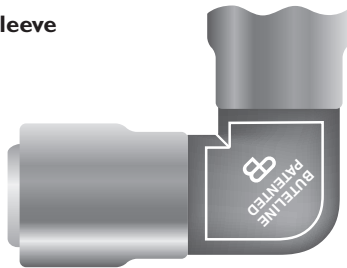


### Position the Buteline Clamp Tool Correctly

#### Buteline Reinforcing Sleeve

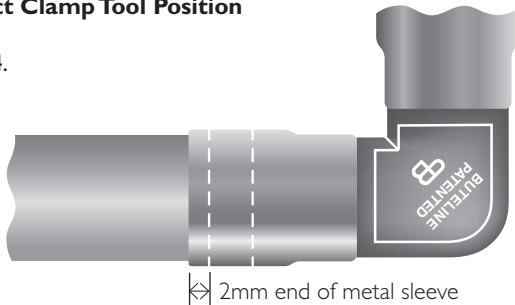
Figure 3.



Factory assembled metal sleeve clamp

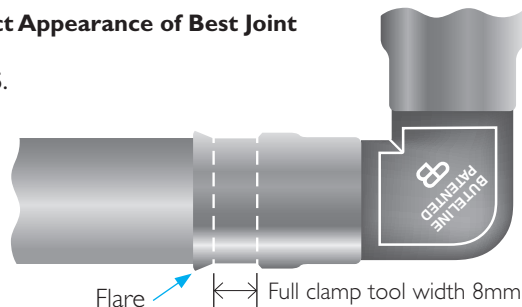
#### Correct Clamp Tool Position

Figure 4.



#### Correct Appearance of Best Joint

Figure 5.



**BUTELINE**<sup>TM</sup>  
PLUMBING SYSTEM

## Plumbers Clamp Tool Technical Guide

#### BUTELINE NZ LTD

Head Office

29 Lady Ruby Drive, East Tamaki, Auckland  
PO Box 204308, Highbrook, Auckland 2161, New Zealand  
Phone +64 9 273 5800, Fax +64 9 273 5808  
Email sales@buteline.co.nz

#### BUTELINE AUSTRALIA PTY LTD

Head Office

1/43 Sterling Road, Minchinbury  
NSW 2770, Australia  
Phone +61 2 9675 6333 / 6344, Fax +61 2 9675 6355  
Email sydney@buteline.com.au

#### BUTELINE MALAYSIA SDN BHD

Head Office

55G & 55M, Plaza Damansara, Medan Setia 1  
Damansara Heights, 50490  
Kuala Lumpur, Malaysia  
Phone +60 3 2094 7195, Fax +60 3 2093 8224  
Email butsales@streamyx.com

#### BUTELINE UK LTD

Head Office

Unit 9  
Swanbridge Industrial Park  
Black Croft Road, Witham, Essex  
CM8 3YN, United Kingdom  
Phone +44 1 376 520792, Fax +44 1 376 520793  
Email info@buteline.co.uk



**THE PROFESSIONAL  
PLUMBERS CHOICE**

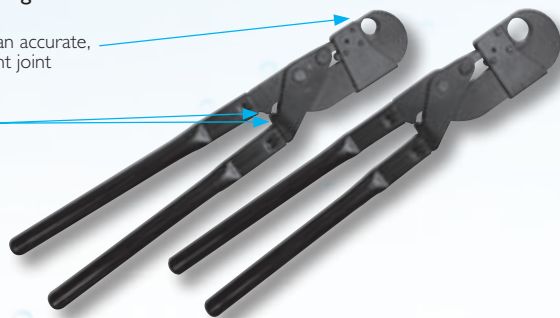
## The Buteline Clamp Tool

The patented Buteline engineered Clamp Tool ensures a simple, controlled, accurate joint every time. This long life quality Tool has a "head" design which permits easy access and alignment.

The Buteline design needs no "on site" adjustment and guarantees consistent results. The Buteline Clamp Tool is available to suit 18mm, 22mm and 28mm Buteline Polybutene-1 pipe fittings.

Ensures an accurate, watertight joint

Stops



## Servicing Your Clamp Tool

The Buteline Clamp Tool is a very important part of the Buteline Plumbing System. The Buteline Clamp Tool is extremely robust and designed to perform to a consistent high standard for many years. Service your Clamp Tool by cleaning and oiling moving parts regularly.

### THERE IS NO NEED FOR ADJUSTMENT

The Buteline Clamp Tool must only be used for the Buteline Plumbing System as Buteline will take no responsibility for misuse or abuse of the Buteline Clamp Tool.

If you do not already have a Buteline Plumbers Installation & Technical Manual, please ask your merchant for a free copy or call us and one will be sent to you.



## Installation Guide

Treat Buteline Polybutene-1 installations in a tradesman-like manner.

Use the complete Buteline Plumbing System - Buteline Pipes and fittings, Bute Clips and Buteline Clamp Tools.

### Preparation of the Buteline Pipe

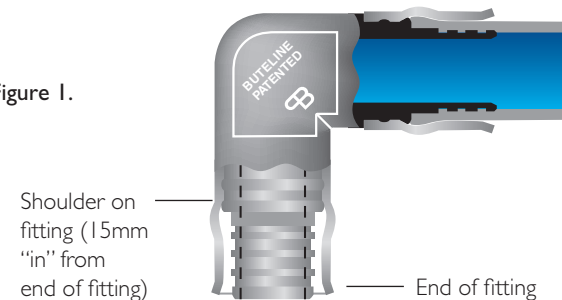
- Cut the pipe to length squarely and cleanly, using only approved pipe cutters.
- Allow enough length for expansion/contraction (minimum 10mm per metre).
- When measuring, allow 15mm of pipe for each fitting.
- Pipe must be clean and free from grease or any other contamination.
- Pipe must have no kinks, buckled sections, deep scores, etc.
- Allow at least 150mm of pipe between fittings.
- Buteline pipe identification marks are printed at 1 metre intervals.

### Position of Buteline Fittings

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

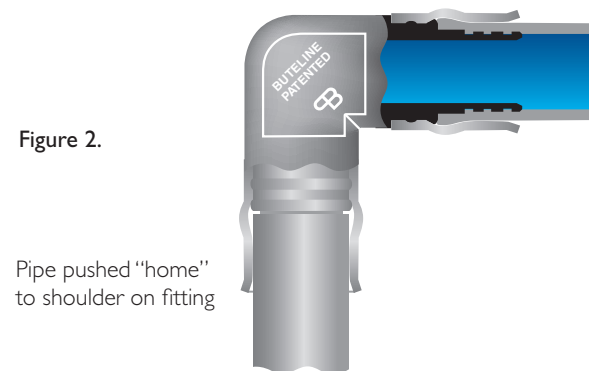
### Buteline Fitting – Cut-Away Showing Fitting Shoulder

Figure 1.



### Cut-Away Showing Correct Pipe Position In Fitting

Figure 2.



### Clamping Buteline Fittings

- Position the Buteline Clamp Tool squarely and approximately 2mm in from the end of the factory fitted reinforcing clamp ring. (see fig. 4 over)
- Close Clamp Tool handles completely to the stops provided. HOLD FULLY CLOSED, then release.
- Be methodical and ensure you clamp all fittings on the job.
- A good clamp will produce a "flare" at the end of the reinforcing ring (see fig. 5). The "flare" shows that the full clamp width has been applied to the joint - and the designed result achieved.