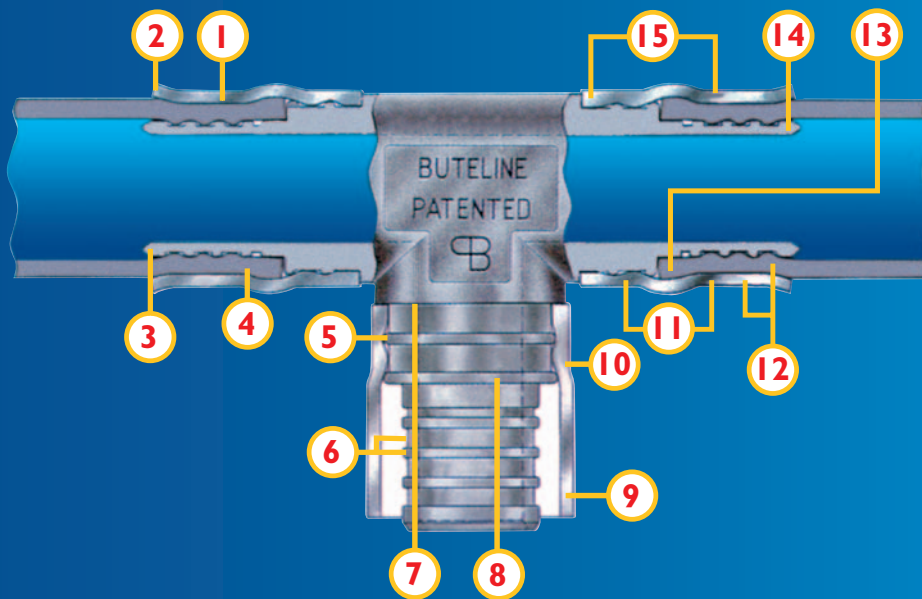


THE PROVEN, RELIABLE PLUMBING SYSTEM

15 Reasons Why Plumbers can have Confidence in the Buteline P.B Plumbing System...



THE BUTELINE FITTING...

Designed using hydraulic engineering concepts proven on high pressure hydraulic fitting to hose connections.

- 1. 8mm WIDE FORGED CLAMP**
Minimum working stress applied (approx. 0.5 ton per sq. in.) allowing pipe material to "flow" into insert tail grooves.
- 2. 2mm WIDE FLARE**
No stress from clamping transmitted to insert tail or pipe at end of fitting.
End of metal sleeve cannot impinge into pipe, even in bending.
- 3. TAPERED ENTRY, SMOOTH BORE**
Minimise resistance to water flow.
- 4. INSERT TAIL TRANSITION**
Metal reinforcing sleeve guarantees no stress break in this critical area.
- 5. SECOND CLAMPING RING**
Provides additional rigidity and resistance to pull-off.
Seals against ingress of dirt and moisture.
- 6. INSERT TAIL DESIGN**
Narrow lands with wide grooves, ensure clamp stress is transferred into the pipe joint efficiently.
- 7. MOULDED SHOULDER**
Ensures accurate position of metal sleeve when forge clamped onto the main body.
- 8. PIPE END STOP**
Positive end stop shoulder to locate pipe correctly prior to forge clamping.
- 9. METAL REINFORCING SLEEVE**
Factory Cold Forged in correct position allowing insert tail to protrude.
Guarantees correct position for final forge clamping.
- 10. SLEEVE LOCKED ONTO BODY**
Mechanically clamped behind raised "ring" section increasing rigidity and eliminating pull-off.
- 11. METAL REINFORCING SLEEVE**
Construction Grade Aluminium.
Annealed, allowing easy forge clamping which locally rehardens sleeve in clamped sections.
- 12. DUAL PIPE CLAMPING**
Provides double clamping on pipe, inside and outside, to resist pull-off and seal positively.
- 13. UNCLAMPED SLEEVE SECTION**
No compression on end of pipe.
Space to allow end of pipe expansion under sleeve.
Greatly increases resistance to pipe pull-off.
- 14. METAL REINFORCING SLEEVE**
Prevents clamp stress on end of insert tail. Ensures no damage to insert tail prior to installation.
Makes insertion into pipe easy.
- 15. METAL REINFORCING SLEEVE**
Reinforces insert tail.
Guarantees no breaking of insert tail from working stresses.

BUTELINE FITTINGS:

- ✓ Permanent mechanical joint, with superb pull-out resistance - quick and sure installations, no solvents, maintenance free.
- ✓ Extensive range of quality fittings which have complete compatibility with Buteline Polybutylene pipe.
- ✓ Annealed protective sleeve to provide a unique reinforced joint.
- ✓ Designed using hydraulic engineering concepts.

