

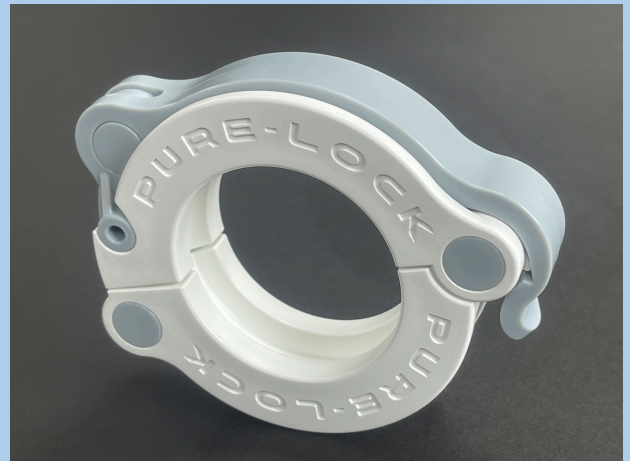
# PURE LOCK

## A unique design of polymer Tri-clamp for single-use systems

**Pure-Lock** is the latest design of quick-release polymer sanitary Tri-Clamp which has been developed for use with single-use systems within the pharmaceuticals, Biotechnology and Life Sciences industries

Pure-Lock is a robust and lightweight sanitary clamp design which is much quicker and easier for the user to install - because it does not utilise any screw threads or locking nuts - which is the case on all conventional Tri-clamp designs

Pure-Lock's unique design is fully compatible with all polymer T/C flanged connectors, and can safely be used with all high purity and sterile media transfer and sampling systems during the assembly or connection of your tubing, hoses, filters and media bags.



**Current Stock sizes are 3/4" Mini & 1.5" Tri-Clamp**  
Additional sizes will be made available during 2024

### Features & Benefits:

- ISO Class 7 Clean room produced and packaged
- Unique over-centre cam-arm locking design with Pre-set gasket compression
- Threadless design is much quicker and easier to use and helps to minimise the risk of repetitive strain injuries
- Compatible with all polymer sanitary clamp flanges to ASME-BPE standards.
- Materials conform to FDA & USP Class VI Requirements and are also TSE / BSE Animal Free
- Can be autoclaved up to +135 Deg 'C'
- Suitable for Gamma Irradiation up to 50.5 Kilograys
- Unique optional security device can provide evidence of any tampering with the clamp
- No protruding parts or sharp edges makes this clamp more suitable for use with exterior packaging
- Dissipates heat faster preventing distortion of mating polymer flanges
- Can be supplied Pre-sterilised and packaged "Ready to Use"
- Colour coded options are available on request to suit your dedicated or specific product lines
- Lot traceability of Materials.
- Competitively priced and available from stock - for same day dispatch

### Applications:

- Single-Use Systems
- Critical fluids transfer and sampling
- Development of Drugs & Vaccines
- Media Bag Tubing Assemblies
- Filtration & Filling Lines

### Specifications:

- High strength USP Class VI Glass reinforced nylon
- 12 Bar ( 175 PSI ) working pressure capability.
- Can be re-used

**For sales or technical help - Please contact our team here at Pure-Lock Ltd.**

**Tel: + 44 151 548 4000 or email: [sales@pure-lock.co.uk](mailto:sales@pure-lock.co.uk)**

**Website: [www.pure-lock.co.uk](http://www.pure-lock.co.uk)**

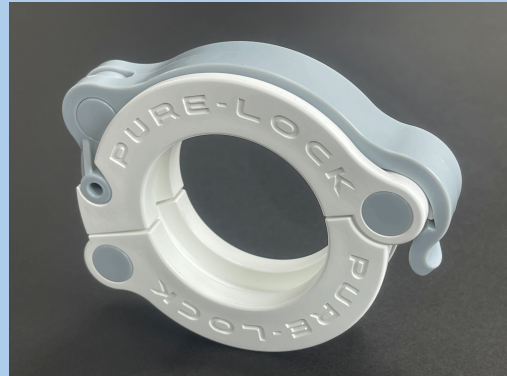


## A unique polymer Tri-clamp Design

Stock sizes are 1/2" & 3/4" Mini T/C and 1.0" & 1.5" Standard T/C  
2.0", 3.0" & 4.0" Pure-Lock Tri-clamps will be made available during 2024



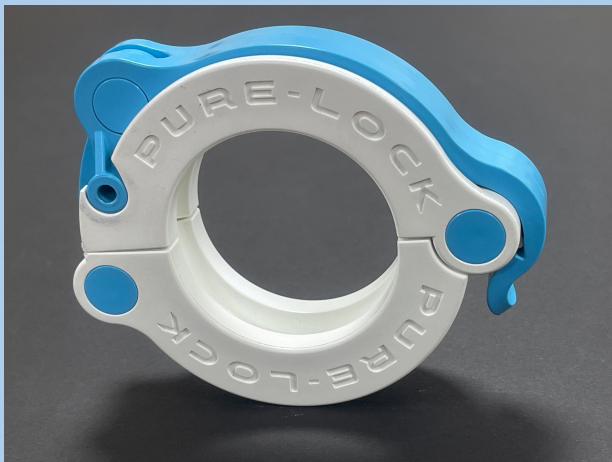
3/4" Mini T/C Pure-Lock  
Part No: MPLTC-075-NG  
To suit 25mm O/D T/C Flanges



1.0" & 1.5" Pure-Lock  
Part No: PLTC-150-NG  
To suit 50.5mm O/D T/C Flanges

### Colour Coded Options:

Pure-Lock Tri-Clamps can be produced in a range of colours on request.



### Optional Security Device: ( Still under development )

The Pure-Lock security device can provide evidence of any tampering with the clamp, and is easily fitted to the clamp during or after assembly without the need to use any tools.

This security device will be made available in a range of different colours for use with specific product batches or dedicated product lines.



For more information on the above Pure-lock options -

Please contact our team here at Pure-Lock Ltd

Tel: + 44 151 548 4000, or email to: [sales@pure-lock.co.uk](mailto:sales@pure-lock.co.uk)

Website: <http://www.pure-lock.co.uk>

