

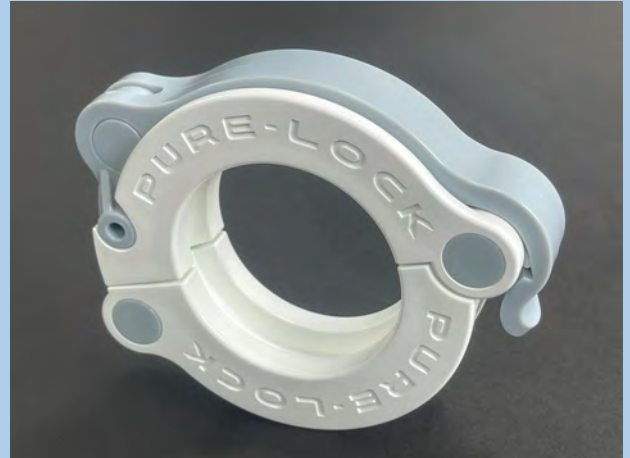


A unique design of polymer Tri-clamp for single-use systems

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 have 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:

- Fully moulded and packaged in our ISO Class 7 Clean rooms which are dedicated to Pure-Lock clamps.
- Unique over-centre cam-arm locking design with Pre-set gasket compression (Cannot be over-tightened).
- Threadless design is much quicker and easier to use and helps to minimise the risk of repetitive strain injuries.
- Compatible with nearly all polymer sanitary clamp flanges to ASME-BPE specifications.
- 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 kGy's
- 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 than stainless steel clamps - 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.
- Competitive pricing and good availability from stock - (with same day dispatch if required).

Applications:

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

Specifications:

- Fully moulded & packaged in ISO Clean Rooms
- Manufactured using high strength glass reinforced nylon
- Safe working pressures in excess of 10.0 Bar (145 PSI)
- Threadless design simplifies installation & use
- 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

Website: www.pure-lock.co.uk



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 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.



Personalised Branding:

Pure-Lock Tri-clamps can be supplied with your company name or brand name 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 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 options - contact our Pure-Lock team

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