



The latest design of polymer Tri-Clamp for single-use systems

Pure-Lock is the latest design of quick-release polymer Tri-Clamp which has been developed for use with single-use systems within the pharmaceuticals and biotech industries

Pure-Lock is a lightweight and robust sanitary Tri-clamp design which is quicker and easier to use because it does not have any threaded components and so provides a much faster assembly and release option for the user.

Pure-Lock is fully compatible with all makes of polymer and stainless steel sanitary clamp connectors and can safely be used with all high purity and sterile media transfer and sampling systems during the connection of tubing, hoses, filters and media bag assemblies.



Stock Sizes: 3/4" Mini T/C & 1.5" Standard T/C

Additional sizes of Pure-Lock can be manufactured to order

Features & Benefits:

- Unique over-centre cam-arm locking design with Pre-set gasket compression
- Compatible with all polymer and stainless steel sanitary clamp flanges to ASME-BPE standards.
- Materials conform to FDA & USP Class VI Requirements and are also TSE / Animal Free
- Competitive pricing and good availability from stock
- Can be autoclaved up to +135 Deg 'C'
- Suitable for Gamma Irradiation up to 50.5 Kilograys
- Unique sacrificial 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 double bagged and Pre-gamma irradiated "Ready to Use"
- Colour coded options for dedicated or specific product lines
- Lot traceability of Materials.

Specifications:

- High strength USP Class VI Glass reinforced Nylon
- Sizes: 3/4" Mini T/C, & 1.5" Standard T/C
(Other sizes of Pure-Lock clamps are available on request)
- 10 Bar (150 PSI) working pressure capability
- Colour Coded Clamp Options

Applications:

- Single Use and Disposable Systems
- Critical fluids Transfer and sampling
- Development of Drugs & Vaccines
- Media Bag Tubing Assemblies
- Gamma Irradiated Assemblies

For sales and technical help - Please contact the team at Pure-Lock

Tel: + 44 151 548 4000 or email: sales@pure-lock.co.uk

Website: www.pure-lock.co.uk



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Stock sizes are 1/2" Mini T/C & 1.5" Standard T/C
Additional Clamp Sizes will be made available during 2022



3/4" Mini T/C Pure-Lock
MPLTC-075-NG



1.0" & 1.5" T/C Pure-Lock
PLTC-150-NG



2" T/C Pure-Lock
PLTC-200-NG



3" T/C Pure-Lock
PLTC-300-NG



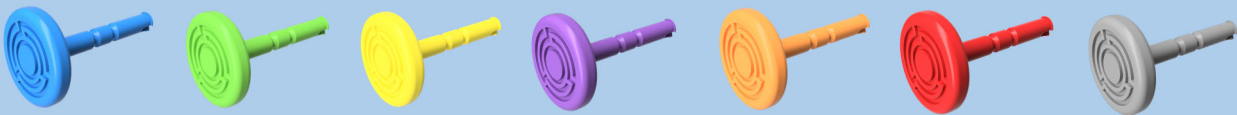
4" T/C Pure-Lock
PLTC-400-NG

Pure-Lock Colour Coded Options:

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

Security Device: (Still under development)

The Pure-Lock security device can provide evidence of any tampering with the clamp.



Once fully developed, this unique sacrificial security device will be made available in a range of different colours for use with specific product batches or for the identity of dedicated or individual product lines and is easily fitted on or after assembly of the clamp without the need to use any tools

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