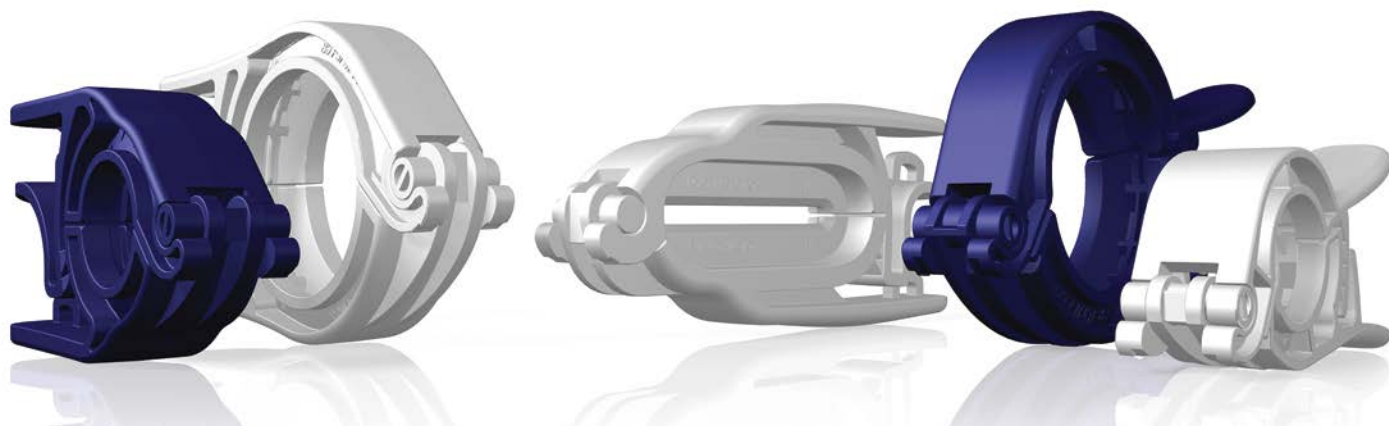


State-of-the-Art Design Allowing for Easy Operation

The biopharmaceutical industry has made a strong move towards single-use technology, so Nordson MEDICAL has developed ground-breaking clamp designs that simplify the assembly process by making it effortless to securely attach sanitary fittings to bag ports and filters. They comply with ASME BPE 2014 DT-9.3.1 Hygienic Clamp: Design Criteria.



Single-Use Clamps & Easy-Open Clamps Features & Benefits

- ASME BPE 2014 DT-9.3.1 compliant
- DIN compliant
- Easy to use, one-handed closure - no tools needed
- Tamper evident
- Zip tie compatible
- 360° compression
- Connects both plastic and stainless steel fittings
- SIP/CIP compatible

Tube Clamp Features & Benefits

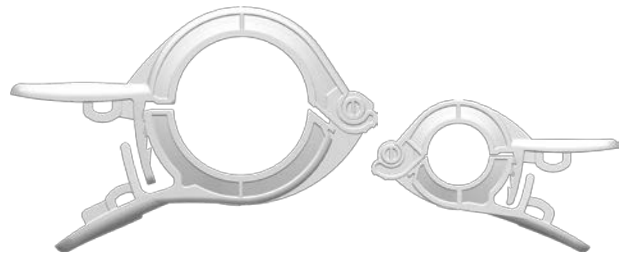
- Designed for use with silicone and TPE tubing
- Operating pressure up to 150 psi

Specifications

- **Common Materials:**
USP Class VI & ISO 11137 certified glass-filled nylon
- **Sterilization:**
Gamma radiation up to 50 kGy, autoclavable up to 273° F (134° C) for a maximum of 30 min.
- **Operating Temperature:**
-94° F (-70° C) to 140° F (60° C)
- **TC Clamps Maximum Pressure:**
80 psi (conforms to ASME BPE-2014 PM-4.2.2)
- **Single-Use & Easy-Open Clamp Sizes:**
.5" to .75" and 1" to 1.5"
- **Tube Clamp Size:**
.5" to 1.25" tube ID

PHARMA_{Lok}™

Clamps



CPAX150 (-U71)
Tri-Clover Easy-Open Clamp
for Maxi Flange, 1" to 1.5"

CPAN75 (-U71)
Tri-Clover Easy-Open Clamp
for Mini Flange, .5" to .75"

CPX150 (-U71)
Single-Use Series Clamp,
TC Version 1" to 1.5"

CPN75 (-U71)
Single-Use Series Clamp,
TC Version .5" to .75"

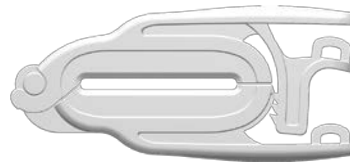


CPAX150 (-U75)
Tri-Clover Easy-Open Clamp
for Maxi Flange, 1" to 1.5"

CPAN75 (-U75)
Tri-Clover Easy-Open Clamp
for Mini Flange, .5" to .75"

CPX150 (-U75)
Single-Use Series Clamp,
TC Version 1" to 1.5"

CPN75 (-U75)
Single-Use Series Clamp,
TC Version .5" to .75"



CPAX150 (-U706)
Tri-Clover Easy-Open Clamp
for Maxi Flange, 1" to 1.5"

CPAN75 (-U706)
Tri-Clover Easy-Open Clamp
for Mini Flange, .5" to .75"

CPT100 (-U71)
Tube Clamp, .5" to 1.25" Tube ID

PharmaLok™ Tube Clamp Compatibility

Silicone and TPE Tubing

Tubing ID	Tubing OD						
	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
1/2"	No	Yes	NA	NA	NA	NA	NA
5/8"	NA	No	Yes	Yes	NA	NA	NA
3/4"	NA	NA	NA	Yes	Yes	NA	NA
1"	NA	NA	NA	NA	NA	Yes	Yes

Reinforced Silicone and Reinforced TPE Tubing

Tubing ID	Tubing OD				
	7/8"	1"	1-1/8"	1-1/4"	1-3/8"
1/2"	Yes	NA	NA	NA	NA
5/8"	NA	Yes	NA	NA	NA
3/4"	NA	NA	Yes	NA	NA
7/8"	NA	NA	NA	Yes	NA
1"	NA	NA	NA	NA	Yes

MAR-PharmaLok-DS-02