



CHI FENG

SINCE 1988

To Improve
Better
Healthcare
Environment

2025 MEDICAL PRODUCTS

While we may not manufacture the finish product, we stand as a professional component factory supporting global medical giants. We offer a variety of service solutions, forging a partnership with each other.



LET OUR TEAM , BE YOUR TEAM !

www.chifeng-medical.com

Chi Feng Co., Ltd. Copyright 2025. All rights reserved.



To improve better Healthcare environment

Commitment and Faith

At Chi Feng, our dedication to advancing medical care is reflected in our precision engineering and innovative needle-free solutions.



Expertise and Passion

Our expertise and passion drive us to improve safety and quality in the healthcare industry.

Cross-industry Collaboration

Global healthcare leaders choose Chi Feng for our innovations and shared vision of enhancing medical care.

Enduring Mission

For over 30 years, we have remained committed to creating a safer, more efficient healing environment.



About Us

Chi Feng Co., Ltd., founded in 1988, focuses on plastic injection and medical consumables, including patented needleless connectors and chemotherapy preparation systems.

As a trusted global supplier, we offer mold design, manufacturing, and assembly in ISO 13485:2016 certified cleanrooms, ensuring top-quality from materials to delivery.





1



PC

Silicone

PC or MABS

2



- **Simple structure**, this product made up from only three components. Significantly reduce the chance of failure.

- **Comply with ISO 594 / 80369-7 standard** it can connect with any other products that is comply with this regulation.

3



- **Easy to disinfect** the connector, and has no residual on the hub of it.

4



Silicone Seal

- **High pressure resistant** It can resist the pressure from infusion, up to 7kg/cm².

Gen1 Needleless Connector

Medical grade materials

Negative pressure

Functional activation up to 200 times

Flow rate 150mL/ min

Back Pressure 70psi

Pressure Maximum 325psi

Residual Volume

0.3 mL (inside connector only)



Drug compatibility

75% Alcohol Yes

20% Lipid yes

The sterilized method depends on the customer

EtO, Gamma (Not applicable to 17C012)

Regulatory Affairs Product Information

ISO 80369-7 Male and female luer slip connectors and luer lock connectors.

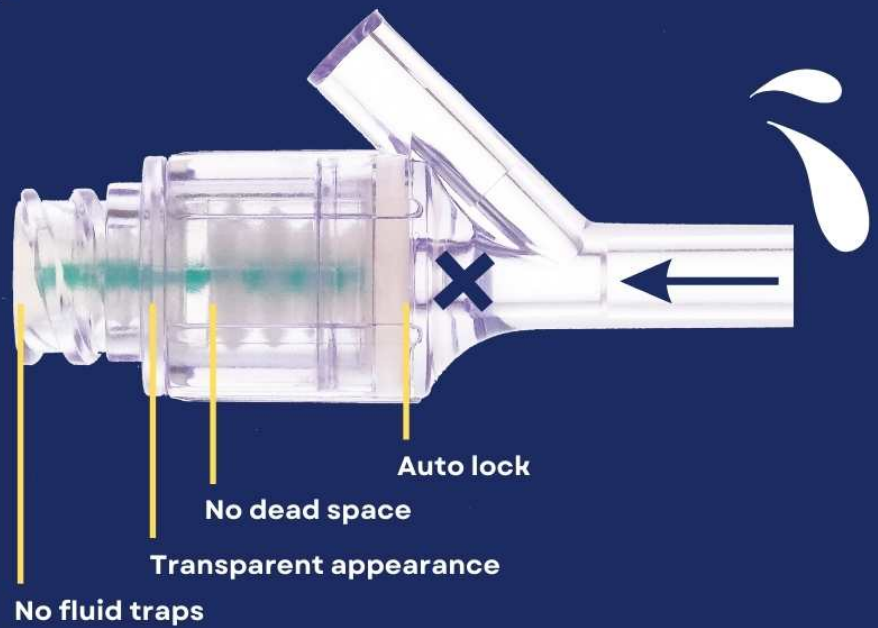
ISO 10993-1 Biocompatibility test



Neutral Pressure

Sealed
Interstitial Space

Easy to clean
swabable
surface



Gen2 Needleless Connector

Medical grade materials

Neutral pressure

Functional activation up to 600 times

Flow rate 120~145mL/ min

Back Pressure 40~70psi

Pressure Maximum 140~325psi depend on which type Gen2

Residual Volume

0.016 mL (inside connector only)



Drug compatibility

75% Alcohol Yes

20% Lipid yes

The sterilized method depends on the customer

EtO, Gamma (Not applicable to 17C012)

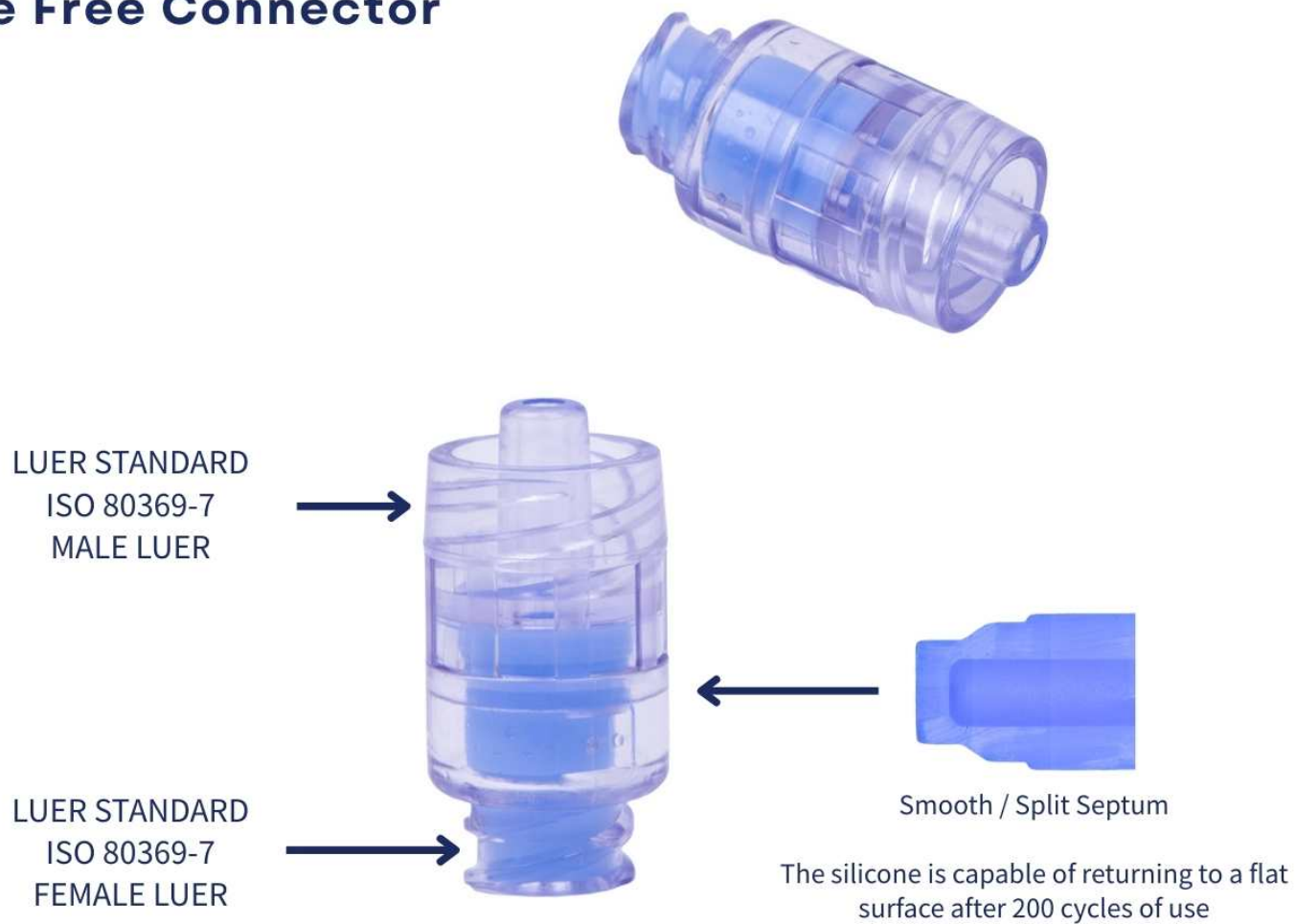
Regulatory Affairs Product Information

ISO 80369-7 Male and female luer slip connectors and luer lock connectors.

ISO 10993-1 Biocompatibility test



High Flow Rate Needle Free Connector



High Flow Rate Needleless Connector

Medical grade materials

Negative pressure

Functional activation up to 200 times

Flow rate 231 ~ 237 ml/min

Back Pressure 45psi

Pressure Maximum Withstands 325 psi Flow direction pressure for 10 seconds

Residual Volume 0.07 mL (inside connector only)

Priming Volume 0.12 mL

Disconnection displacement 0.03 mL

Drug compatibility

75% Alcohol Yes

20% Lipid yes

The sterilized method depends on the customer

EtO, Gamma

Regulatory Affairs Product Information

ISO 80369-7 Male and female
luer slip

connectors and luer lock
connectors.

ISO 10993-1 Biocompatibility test

Gen2Zero

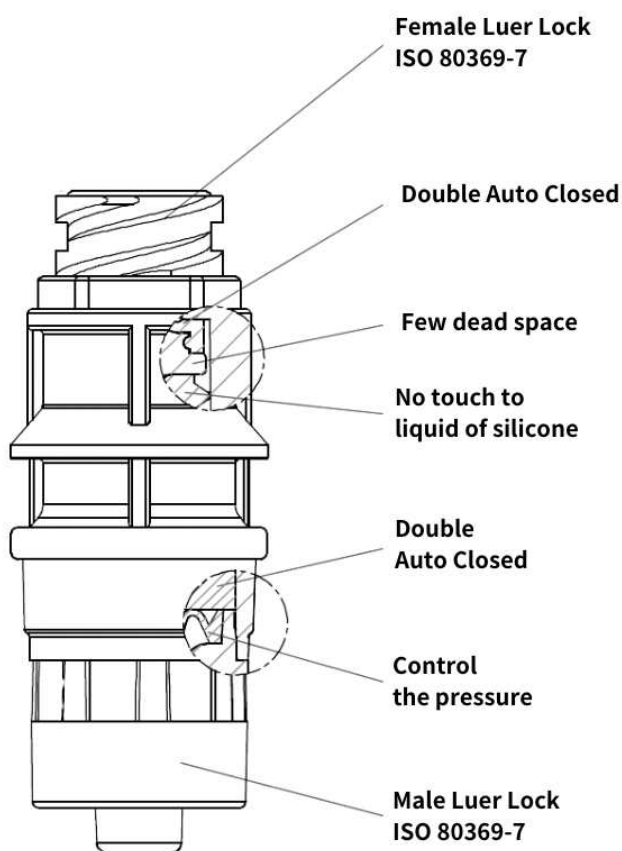
Anti-Reflux Neutral Double Closed Needle-free connector



Protecting Your Health!

Gen2Zero is designed to prevent needle-stick injuries, reduce infection risk, and eliminate concerns over blood residue.

What once caused line blockages from a patient's arm movement is now effortlessly avoided, thanks to Gen2Zero acting like an intelligent hand to keep everything running smoothly, ensuring peace of mind.



Our innovative Gen2Zero effectively eliminates air bubbles in IV lines, ensuring a safer and more reliable intravenous infusion process.



Comply with the ISO 594, ISO 80369-7 standards, and can comply with most other infusion products.



Transparent appearance, easy to visualize the fluid path and to operate.



The swabable surface design fits most clinical practices, easy to swabbed and no residual on the surface.

Luer System

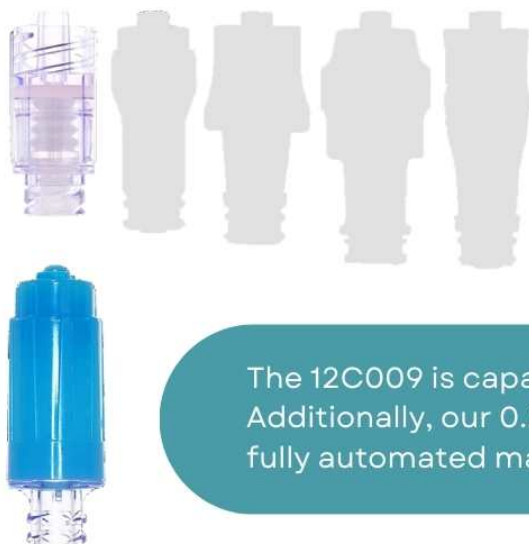
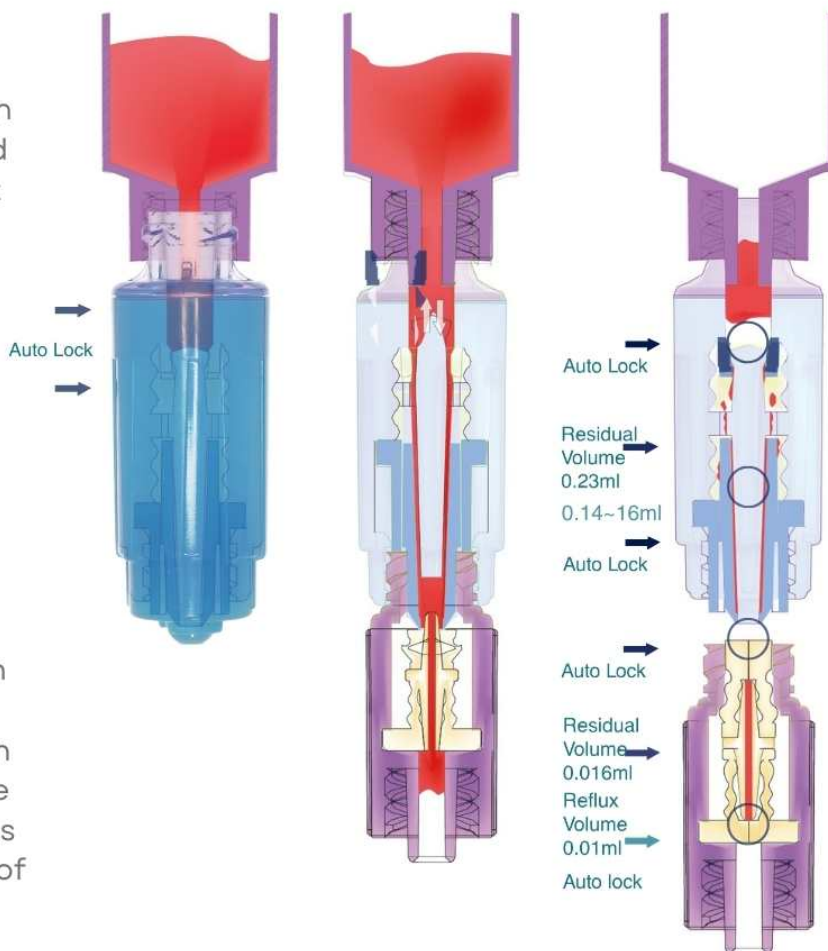
"Ensuring Safe Handling of Chemotherapy Drugs with Advanced Equipment"

Long-term exposure to chemotherapy drugs presents health risks, not only to patients but also to individuals involved in their administration. For pharmacists and healthcare professionals, it is paramount to take precautions against these potential hazards.

The closed male luer system has been specifically engineered to protect healthcare workers from the adverse effects of highly toxic medications. Its primary function is to secure the liquid flow within the tube, preventing the escape of chemotherapy drugs.

Furthermore, the inclusion of a spike with a needleless connector plays a pivotal role. This feature guarantees that, even in the event of accidental knock-over, there will be no spillage from the drug bottle. As a result, it greatly reduces the likelihood of medical staff coming into direct contact with the drug, effectively preventing potential infections.

Lastly, Chi Feng's drug preparation system boasts a diverse range of luer connectors, each designed to cater to specific applications. This enhances the adaptability and efficiency of the system.



The 12C009 is capable of connecting with other needleless connectors. Additionally, our 0.2um vented vial adapter is seamlessly assembled by our fully automated machine, ensuring 100% accuracy.

CSTD (Closed System Transfer Device) QuikLock, How To Use?



QuikLock[™] QuikLock CML (Closed Male Luer)

connect on the syringe



20C002
QuikLock
CML with cap



21C006
QuikLock
Closed male luer



20C005
QuikLock
Gen2 with vial
adapter 13mm



20C006
QuikLock
Gen2 with vial
adapter 20mm

21C009
QuikLock
Gen2 with vial
adapter 0.2um filter

QuikLock Gen2 vial adapter

connect on the vial



QuikLock CML connect with Gen2 vial adapter to take the drug from vial to the syringe

When drawing medication, ensure the vial is positioned above the syringe to allow gravity to aid liquid flow, preventing air bubbles and ensuring safe handling.



QuikLock CML connect with Infusion Spike

to push the drug from syringe to the IV bag



21C008
QuikLock Infusion Spike



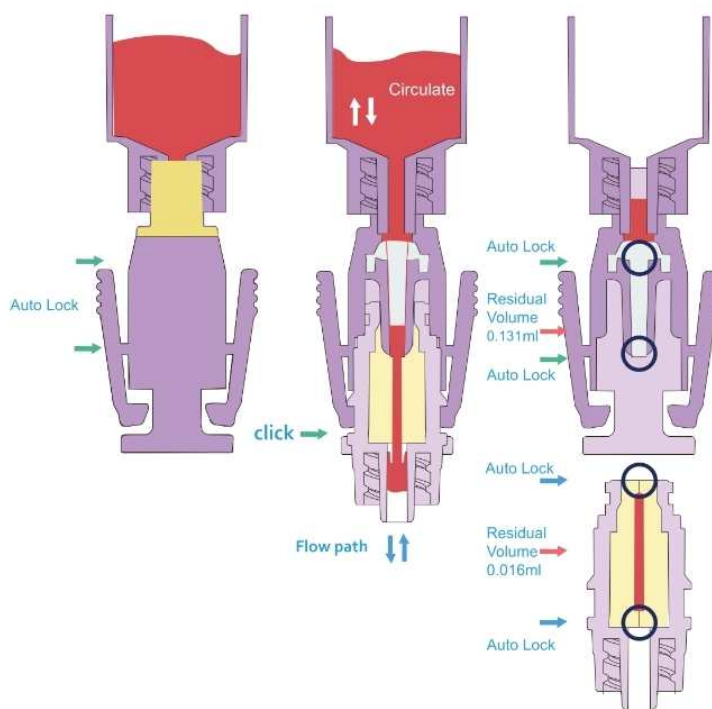
QuikLock Infusion Spike can connect with IV Set

Before connect, please turn off the roller clamp by IV set.



QuikLock System: Quick to Lock

QuikLock™



QUIK LOCK Closed Male Luer

Medical grade materials

Functional activation up to 100 times

Flow rate 100mL/ min

(When connect Quick Click Gen2)

Back Pressure 50psi

Residual Volume

0.132 mL (inside connector only)



QUIK LOCK Gen2 Needleless

Medical grade materials

Neutral pressure

Functional activation up to 100 times

Flow rate 100mL/ min

(When connect Quick Click Gen2)

Back Pressure 50psi

Residual Volume

0.016 mL (inside connector only)

Drug compatibility

75% Alcohol Yes

20% Lipid yes

Sterilized method depend on customer

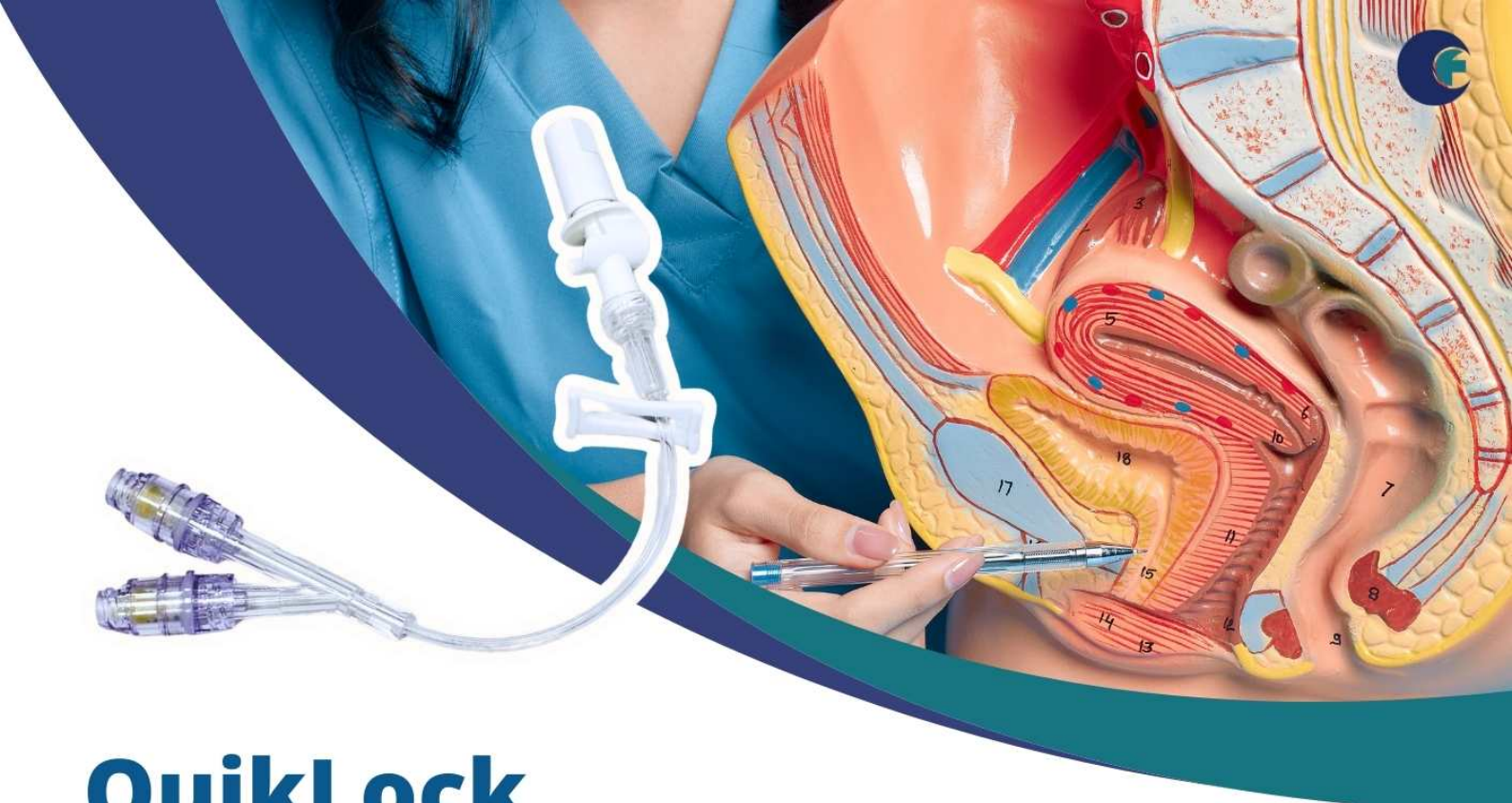
EtO, Gamma

Regulatory Affairs Product Information

ISO 80369-7 Male and female luer slip

connectors and luer lock connectors.

ISO 10993-1 Biocompatibility test



QuikLock

Bladder Perfusion Connector

A Safe Connection Solution for Bladder perfusion applications.



The QuikLock bladder perfusion connector is designed for bladder perfusion applications, offering several advantages such as time-saving operation, leak-proof medication transfer, and no need for tube bending.

The procedure for intravesical chemotherapy involves administering anticancer drugs through a urinary catheter into the bladder via the urethra. After administration, the catheter is removed, allowing the medication to remain in the bladder for a specific duration. The primary goals of this method include eliminating residual bladder tumor cells that may not have been removed during previous treatments, preventing tumor recurrence, and inhibiting the progression of cancer to deeper tissue layers.



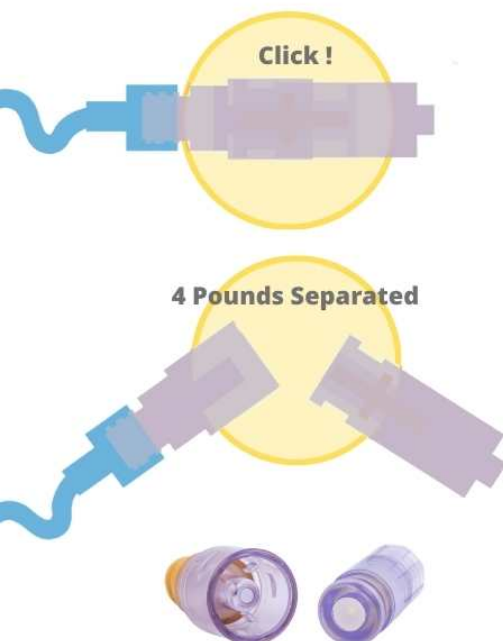


Safe D&R™

Force-Activated Separation Device



When using IV therapy on animals, activate our connectors to ensure proper separation and prevent leakage. Our connectors securely connect and offer versatile infusion options with an integrated design for easy attachment during treatment.



Back Pressure

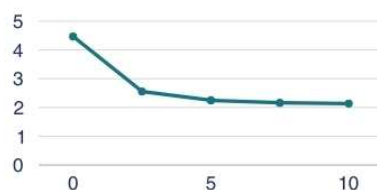
Male site 32psi (Average)
Female site 40psi (Average)

Surface Residue

0.00032g

Separation Force

- 2 to 5 pounds module



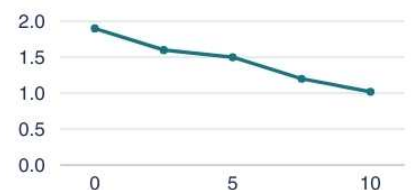
Residual Volume

Male site 0.162ml (Average)
Female site 0.003ml (Average)

Flow Rate

145~153 ml/min (Average)

- 1 to 2 pounds module



Doesn't contain any materials in below : • Latex Free • PVC Free • Non-animal sources

Our SafeD&R has global patents, which is protected by intellectual property rights and patents. Patented. Any infringement will be legally pursued.



VIAL ADAPTER

Innovative Solution for Safe Liquid Extraction

Purpose: The Vial Adapter is an innovative device designed to safely extract liquids from vials without the need for traditional needle puncture. By eliminating the risk of needle-stick injuries, it ensures the safety of users during the transfer process.

It serves as a secure bridge for drawing medication into a syringe, facilitating a smooth and safe workflow. **Applications:** The Vial Adapter is highly suitable for aesthetic applications, especially for precise extraction of valuable substances like hyaluronic acid or exosomes. Additionally, it can be used in medical settings for safely extracting medication from vials.



We have many types of vial adapters.



Position the vial above the syringe to use gravity, reducing air bubbles for safer handling.



We have vial to vial adapter.



CTLock – A Safe Needle-Free Solution for High-Pressure CT Syringes in MRI Infusions

CTLock

CTLock is an innovative product specifically designed for high-pressure CT syringes used in MRI infusion applications. Due to the need for higher pressures, the syringe tip design deviates from the conventional ISO 80369-7 standard. In response to this demand, we developed a high-flow needle-free connector, known as CTLock, ensuring that the entire infusion system remains needle-free and safe even under high pressure, providing enhanced safety and convenience for both patients and users.



CTLOCK SET ON CT SYRINGE.



Normally needle free connector can't connect on it.



CTLock can connect on it, and easy to use.



WE HAVE TWO TYPES

Luer lock and straight type.



PINCH LOCK

A Safe Connection Solution for IV Infusion



PINCHLOCK is an innovative IV infusion connector designed to improve patient safety. Its rotating function prevents tubing kinks caused by movement, while a safety lock ensures disconnection only at the correct position, reducing accidental disconnections and providing greater peace of mind during treatment.



Non-rotating connector may be able to tubing kinks.



Rotating funtion that effectively prevents tubing kinks.



Very easy to connect on the female part.



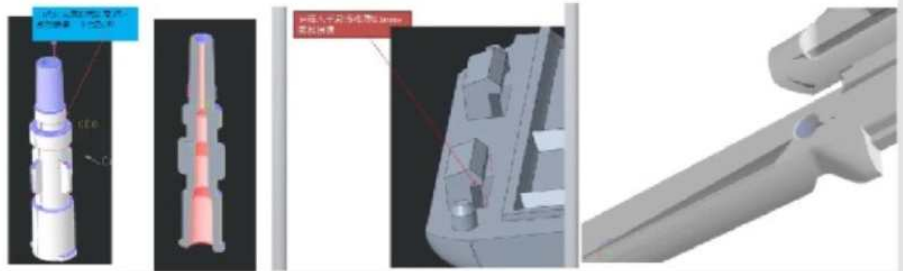
Touch here to remove the connection.

MOLD DESIGN

Audit products drawing (check material, Mold DFM, Test mold, One hour test mold...etc)
Tell customer where have problems, Suggestion the GATE, EJECTOR PIN other important.

PLASTIC MATERIAL

ABS, MABS, PP, PC,
PA6, PA66, TPU, T
PE, POM, PET,
PVC, HIPS, PMMA,
HDPE...etc.



MOLD DRAWING

TYPE: Hot runner, cold runner and insert molding
CAVITY: 1-36 or 1+1+1...etc.



MOLD MATERIAL

P20, S50C, NAK80, SKD61...etc.

MOLD PACKING

Shipping package information
(wood pallet, mold weight, size)



Product COA Material proof Mold COO



DEVELOPMENT PROCESS

If you have a sample or just a conceptual plan, or even a thought of making a future plastic medical product, we can discuss and make it together.



DEVELOPMENT

*Product development
Programme costing
Fit for purpose analysis
Material selection
Simple Mold Flow Analysis
Design for manufacture*

MANUFACTURING

*Tool design
component design
device design
CAD modelling
3D modelling (SolidWorks)
mold manufacturing*



TESTING

*Validation Protocols
Design of Experiments
Installation qualification
Operational qualification
Performance qualification
ODM testing*

Male Luer Series



12A775
Male luer cap



20A039
Male luer cap vented



19C003
Rotating Male luer
for 3.9mm tubing



20A038
Male luer adapter
for 4mm tubing



12A992
Male luer slip
for 4mm tubing

20C015
(2 parts)

Male luer adapter
for 4mm tubing

19C004
Rotating Male luer
for 3.5mm tubing

(Without male luer cap)

20C016
(2 parts)

Male luer adapter
for 2.3mm tubing

18A147
Big Male luer adapter
for ID8.8mm and
OD7mm tubing

17A057
Male luer adapter
for 2.3mm tubing

13A017
Male luer slip with wing
for 3.9mm tubing

15A098
Male luer slip
for 2.3mm tubing

Female luer Series



20A046
Female luer Y for 2.3mm tubing



19A037
Female luer lock for 2.6mm tubing



17A075
Female luer cap non-vented



12A882
Pinch clamp 6-8mm tubing (white)

20A045
Female luer Y for 2.6mm tubing

25A046
Female luer lock for 2.3mm tubing

15A045
Female luer cap vented

17A073
Pinch clamp 2.3-4mm tubing (white)

22A090
Female luer Y with male luer slip

17A078
Female luer lock for 4mm tubing

11A074
Pinch clamp 2.3-4mm tubing (yellow)

20A044
Female luer Y for 4mm tubing

19A036
Female luer lock for 3.15mm tubing



Other color or material please contact us

24C023
Female luer Y connector with
rotating MLL, FL/FL/MLL

Other color or material please contact us

Double luer Series



23C023
Male to Male
luer lock connector



22A016
Female to Female
luer lock connector



19B002
Roller clamp for 4mm tubing



17A083
Slide clamp for 2.3mm tubing

12C606
Big roller clamp for 6-8mm tubing

10A001
Slide clamp for 4mm tubing

Roller & slide clamp series

Gen1 needle free connector (Negative)



11C009

Gen1 luer connector



11C001

Gen1 Y connector
for 4mm tubing



11C013

Gen1 Y connector
for 3mm tubing



13C002

Gen1 Y connector
for 2.3mm tubing



11C005

Gen1 standalone
for 4mm tubing



11C017

Gen1 standalone
for 2.3mm tubing



14C001

Gen1 standalone
for OD4.4mm
for ID6.8~7.2mm



14C010

Gen1 luer slip



15C002

Gen1 T port
for 6.8mm tubing



13C013

Gen1 burette cap
non assemble filter



15C007

Gen1 with mini
vial adapter
0.2um filter



18C049

Gen1 T connector
for 2.3mm tubing

Gen2 needle free connector (Neutral)



14C007 / 16C002

Gen2 connector
normal / high
pressure



13C001

Gen2 T connector
luer slip



18C024

Gen2 connector
for chemo use



23C040 / 16C007

Gen2 standalone
for 2.3mm tubing
normal / high
pressure



11C024 / 16C008

Gen2 standalone
for 4mm tubing
normal / high
pressure



22C030

Gen2 rotating luer
T 4mm tubing



18C027

Gen2 Y connector
for 3.8mm tubing



13C015

Gen2 Y connector
for 2.3mm tubing



16C004

Gen2 Y connector
for 4mm tubing

High flow rate Needle free connector



23C031

High flow rate
needle free connector
standalone 4mm



23C001

High flow rate
needle free
connector



24C014

CTLockNeedle free
connector for CT
Syringe



24C043

3 way stopcock with
high flow rate needle
free connector



24C043

3 way stopcock with
high flow rate needle
free connector

Gen2Zero

QuikLock series



20C002
QuikLock
CML with cap



21C006
QuikLock
Closed male luer



21C007
QuikLock
Closed male luer
(Rotating)



20C004
QuikLock
Gen2 connector



20C005
QuikLock Gen2
with vial adapter
for 13mm



20C006
QuikLock Gen2
with vial adapter
for 20mm



21C008
QuikLock
Infusion Spike



21C009
QuikLock
Gen2 with vial
adapter 0.2um
filter



24C051
QuikLock
Gen2 connector
(Blue)



24C052
QuikLock
Gen2 connector
(Green)



24C053
QuikLock
Gen2 connector
(Red)



24C054
QuikLock
Gen2 connector
(Orange)



24C055
QuikLock
Gen2 connector
(White)

QuikLock™

Closed male luer



12C009
Closed male luer



18C023
Closed male luer

Vial adapter series



18A196
Vial adapter
for 13mm vial



18A195
Vial adapter
for 20mm vial



13B002
Vial adapter universal
with 0.2um filter



18C034
Mini vial adapter
with 0.2um filter



14B002
PIN Spike 12mm

Spike series



22C029
Infusion Spike for
big rate non vented



16C011
IV Spike with luer and vented



18C044
IV Spike non vented



22C005
Vented Hyperal Piercing
Spike with cap

CF QuikLock (CSTD)



24C045
CF QuikLock
Check Valve
2.3mm (WH-NA)



24C049
CF QuikLock
Check Valve
2.3mm (WH-G)



24C048
CF QuikLock
Check Valve
2.3mm (WH-Y)



24C047
CF QuikLock
Check Valve
2.3mm (WH-R)



24C046
CF QuikLock
Check Valve
2.3mm (WH-B)



24C064
CF QuikLock
Check Valve
2.3mm (R-NA)



24C066
CF QuikLock
Check Valve
2.3mm (O-NA)



24C063
CF QuikLock
Check Valve
2.3mm (B-NA)



23C054
CF QuikLock CML

23C055
CF QuikLock CML
(Rotating)



24C057
CF QuikLock
3 way Stopcock Luer
Lock with cap

24C056
CF QuikLock
3 way Stopcock Luer
Lock without cap

24C037
CF QuikLock
3 way Stopcock Luer Slip
without cap

3 ponds FASD



23C028
3 ponds FASD
Closed male luer



23C029
3 ponds FASD
Gen2 connector



24C030
PinchLock Male luer lock
(Rotating) for 4mm



24C062
PinchLock Male luer lock
(Rotating) for 2.3mm

PINCH LOCK Male luer Lock



騏峰塑膠股份有限公司 Chi Feng CO., Ltd.

CONTACT US

Ms. Pei Tsai
pei@e-elect.com.tw

Mr. Kevin Tsai
Kevintsai@e-elect.com.tw

www.chifeng-medical.com

