

Разъемы MICROCNX

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +(727)345-47-04

Беларусь +(375)257-127-884

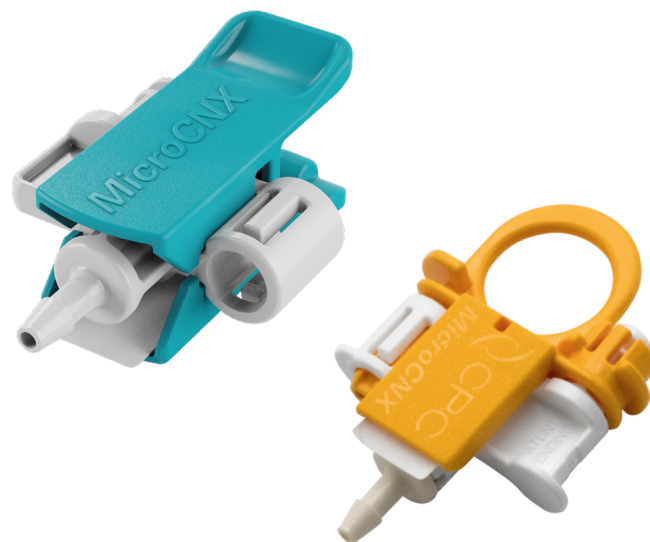
Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: ccb@nt-rt.ru || сайт: <https://cpc.nt-rt.ru>

MICROCNX® SERIES CONNECTORS

MicroCNX® Connectors are the only aseptic micro-connectors that provide a simple, efficient method of connecting tubing for small-format biomanufacturing assemblies. The MicroCNX line of connectors is engineered specifically for the challenging conditions of biological media transfer in bioprocessing, cell therapy, and gene therapy applications. The connector comes in a range of hose barb sizes; a luer connection option to create a sterile, closed connection on an existing luer connection; and the MicroCNX ULT version is ideal for assemblies for cryogenic freezing applications or connections using PVC tubing.



SPECIFICATIONS

OPERATING PRESSURE

Up to 60 psi, 4.1 bar (Standard*)

Up to 75 psi, 5.1 bar for 48 hours (Standard*)

Up to 43.5 psi, 3 bar (ULT** and Luer***)

OPERATING TEMPERATURE

34°F to 104°F (1°C to 40°C)

TERMINATIONS

1/16", 3/32", 1/8" ID hose barb (1.6mm, 2.4mm, 3.2mm), Male Luer; Female Luer

MATERIALS

Main Components: Polycarbonate (white), Polyphenylsulfone (off white)

Seals: Silicone (clear), platinum-cured

Protective Cover: Polypropylene (teal), Polycarbonate (gold)

Membrane: Hydrophobic Polyethersulfone

STERILIZATION

Gamma: Up to 50kGy irradiation.

Autoclave: One cycle up to 266°F (130°C) for 60 minutes (Standard* and Luer***)

One cycle up to 250°F (121°C) for 30 minutes (ULT**)

*Standard: CNX17001HT; CNX17002HT; CNX17003HT

** ULT: CNX17101HT; CNX17102HT; CNX17103HT

*** Luers: CNX170LMHT; CNX170LFHT

FEATURES

PINCH-CLICK-PULL →

Genderless →

CPC Click →

Ultra-Low Temperature and Chemical compatibility (ULT version) →

PVC tubing (ULT version) →

Low profile (ULT version) →

BENEFITS

Easy to use three-step connection process reduces risk of operator error

Eases specification with one part number for both halves

Audible confirmation of assembly with no additional hardware required

Ability to be frozen down to vaporized liquid nitrogen temp (-190°C), and increased compatibility to harsh chemicals

Fully compatibility with all PVC tubing

Compact size to fit in freezing cassettes

TYPICAL FLOW RATE

Cv Value Range: 0.04-0.27

Cv values represent the approximate expected flow rate in gallons per minute of water at room temperature for a 1 PSI pressure drop. The flow is generally constrained by the smallest diameter, which in some cases will be the termination diameter and not the Nominal Flow Path.

DID YOU KNOW

MicroCNX connectors eliminate the need to purchase, calibrate, validate, maintain, and allocate clean room space for tube welding equipment.

MICROCNX® SERIES DIMENSIONS

POLYCARBONATE with teal cover *For autoclave or gamma irradiation applications.*



MicroCNX® Standard

TERMINATION	METRIC EQ.	PART NO.	A	B	C
1/16" HOSE BARB	1.6 mm	CNX17001HT	0.93" (23.6 mm)	2.05" (52.1 mm)	1.49" (37.8 mm)
3/32" HOSE BARB	2.4 mm	CNX17003HT	0.93" (23.6 mm)	2.16" (54.9 mm)	1.49" (37.8 mm)
1/8" HOSE BARB	3.2 mm	CNX17002HT	0.93" (23.6 mm)	2.25" (57.2 mm)	1.49" (37.8 mm)
FEMALE LUER		CNX170LFHT	0.93" (23.6 mm)	2.15" (54.6 mm)	1.49" (37.8 mm)
MALE LUER		CNX170LMHT	0.93" (23.6 mm)	2.15" (54.6 mm)	1.49" (37.8 mm)



MicroCNX® Luer

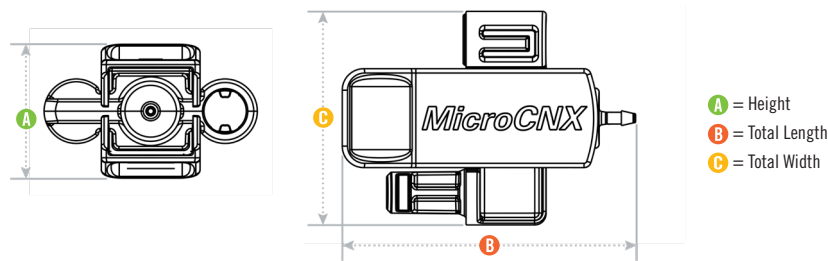
POLYPHENYLSULFONE with gold cover *For autoclave or gamma irradiation applications.*



MicroCNX® ULT

TERMINATION	METRIC EQ.	PART NO.	A	B	C
1/16" HOSE BARB	1.6 mm	CNX17101HT	0.62" (15.7 mm)	2.35" (59.7 mm)	1.70" (43.2 mm)
3/32" HOSE BARB	2.4 mm	CNX17103HT	0.62" (15.7 mm)	2.46" (62.5 mm)	1.70" (43.2 mm)
1/8" HOSE BARB	3.2 mm	CNX17102HT	0.62" (15.7 mm)	2.56" (65.0 mm)	1.70" (43.2 mm)

PRODUCT DIMENSIONS



MICROCNX® CONNECTORS ASSEMBLY PROCEDURE

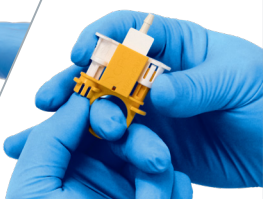
PINCH

MicroCNX® (Standard and Luer)



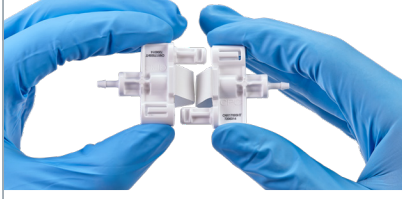
PULL

MicroCNX® ULT



Remove the protective cover on each half.

CLICK



Join halves and click together.

PULL



Pull membrane strips directly away from the connector.

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новокузнецк (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

По вопросам продаж и поддержки обращайтесь:

эл.почта: ccb@nt-rt.ru || сайт: <https://cpc.nt-rt.ru>