

ReadyToProcess™ Single-Use Products

MADE IN CHINA

ReadyCircuit™ assemblies are part of the ReadyToProcess™ product platform of single-use components. Configure an assembly to meet specific needs by simply connecting 2D or 3D ReadyCircuit™ bags to other ReadyToProcess™ consumables such as filters (Fig 1). ReadyCircuit™ assemblies bring simplicity and speed to bioprocessing, thus enabling biopharmaceutical companies, contract manufacturing organizations (CMOs), and biotech start-ups to accelerate product development and reduce costs of initial investments. In addition, single-use ReadyCircuit™ assemblies can help reduce production batch change-over time, as well as costs for cleaning and cleaning validation. Since November 2018, Cytiva has collaborated with a Chinese healthcare technology supplier, Wego Pharmaceutical, to produce single-use products in China to supply customers throughout Asia Pacific. These products are manufactured according to Cytiva's global quality standards.

ReadyCircuit™ bags and tubing assemblies deliver:

- Quick configuration and assembly of a wide range of sterile, fluid-processing circuits.
- Flexibility of single-use technology.
- Elimination of cleaning and cleaning validation.
- Possibility to develop products without large capital investments in manufacturing systems.

Advantages for your application

ReadyCircuit™ assemblies offer distinct advantages in many applications such as aseptic clarification and purification of vaccines, monoclonal antibodies, recombinant proteins, and plasmids, aseptic cell processing, operations in environments where terminal sterilization is not feasible, production for preclinical to commercial, processing in areas where the risk of cross-contamination is high, and Fast Track drug development processes.



Fig 1. Typical ReadyCircuit™ assembly with ReadyToProcess™ filters, ReadyMate™ Disposable Aseptic Connectors (DAC), and tubing.

Product configurations

Scale-up capability is offered by ReadyCircuit™ bags, for continuity in your development efforts. Bag types include:

- Sample bags (50 and 250 mL) for small-volume applications.
- Horizontal pillow bag (50 L).
- 2D pillow bags (1, 5, 10, and 20 L) for vertical or horizontal use on mobile carts (Fig 2).
- 3D bags (50, 100, 200, 500, and 1000 L) for large-scale production.

ReadyCircuit™ bags have inlet and outlet ports and are supplied sterile with ReadyMate™ connectors, AseptiQuik™ G connectors, or seal ended. Port configuration varies with bag type. 3D storage bags can be transported in ReadyToProcess™ XL bins (Fig 3) and foldable bins (Fig 4).

The foldable bins have a unique design that lets you fold the bin parts when you are working with bags. Moreover, you can stack bins after they are folded. You can save 40% to 52% storage space in your warehouse for each bin.



Fig 2. ReadyToProcess™ single-use 2D storage bag, 250 mL .



Fig 3. ReadyToProcess™ XL bins for 3D storage bags. From left to right: 500 L, 200 L, and 100 L bins. 1000 L bin not shown.



Fig 4. Foldable 500 L/1000 L bin for 3D storage bags.

Fortem™ film

ReadyToProcess™ bags manufactured in China include Fortem™ film. Development with Sealed Air Corporation enabled us to apply the full range of both companies' expertise in material science to define and optimize the critical quality attributes of this single-use platform bioprocess film. Fortem™ film is exceptionally well characterized, with specific analytical work done to identify and control degradative products. It has been developed in accordance with the latest industry guidance, in particular the BioPhorum Operations Group (BPOG) extractables testing protocol. It has also been qualified extensively using new methodologies for film failure, including demanding tests for flexural fatigue, weldability, and abrasion resistance. The film's architecture is comprised of a nylon outer layer that resists damage throughout the many rigors of bioprocessing conditions (Fig 5). It contains two internal gas barrier layers for maintaining pH stability during liquid storage and transportation and provides a controlled environment for cell culture applications. The contact layer is composed of linear low-density polyethylene (LLDPE) with a low extractables profile and strong weldability characteristics. The result is one film that is designed specifically for bioprocessing requirements to deliver consistent performance from beginning to end.

The 10-layer film is 330 µm thick, with an outer layer of nylon, a double ethylene vinyl alcohol gas barrier, double polyethylene interior layer, and contact layer of LLDPE.

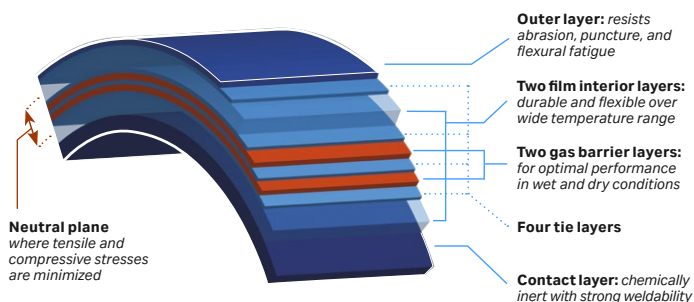


Fig 5. Ten-layer structure of Fortem™ film.

Tube assemblies

Basic tube assemblies consist of lengths of tubing with ReadyMate™ DAC at each end. Other ReadyCircuit™ tube assemblies include tubing or aseptic connectors integrated with components such as tees, pressure sensors, reducers, and more.

You can select and order a combination of ReadyCircuit™ tube assemblies that meet your specific binic processing needs (Fig 6). Or you can order preconfigured kits consisting of tube assemblies, bags, and sensors that will help you meet many standard fluid processing objectives.

Some circuits and assemblies include TC and Steam-Thru™ adapters commonly used to connect disposable fluid paths to stainless steel process equipment.

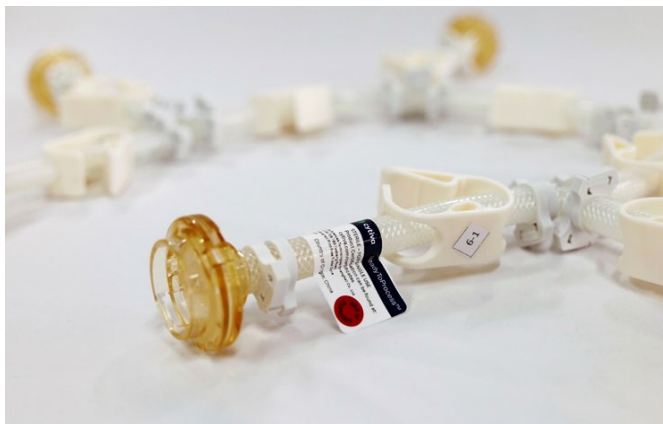


Fig 6. Tube assembly using ReadyMate™ DAC.

ReadyCircuit™ custom platform

The ReadyCircuit™ custom platform offers variety of design to meet your needs: Choose from different bags, tubings, connectors, and sensors.

The custom platform not only helps you define the unique design, but also provides budgetary quotations, drawings, bill of materials, and prototype samples if needed.

Ease of use

Most ReadyCircuit™ assemblies use ReadyMate™ connectors. These connectors enable you to make aseptic system connections in a matter of seconds. The genderless design facilitates connection, reduces complexity of inventory, and creates flexibility in the assembly of single-use flow paths. Features include:

- **Genderless.** Mates without adapters and reduces inventory.
- **Simple.** No special tools or training are required for aseptic connection in less than 60 seconds.
- **Self-contained.** Single-use aseptic connections are easily made in nonhooded environments.
- **Robust.** Fits sanitary clamps for permanent, high-pressure applications; gamma stable.

Specifications

Specifications for ReadyCircuit™ products made in China are listed in Table 1.

Table 1. General specifications for ReadyCircuit™ assemblies

Operation temperature	Processing temperature (liquid temperature) = 2°C to 45°C Operating temperature (ambient temperature) = 2°C to 45°C
Storage temperature	Storage of unfilled products (All Bag Assemblies) Temperature = Ambient Storage of 2-D bags filled with process fluids: Temperature = -80°C to 45°C Storage of 3-D bags filled with process fluids: Temperature = 2°C to 45°C
Material conformity	All polymeric materials in contact with process fluid • USP <88> Class VI, Biological reactivity, <i>in Vivo</i> • USP <87> Biological reactivity, <i>in Vitro</i> • ISO 10993-4: Selection of tests for interaction with blood • Animal free or in compliance with EMA/410/01 Rev. 3
Sterility	Validated sterile fluid path at an SAL of 10 ⁻⁶ according to ISO/TS 13004 and the principles of ISO 11137-2
Endotoxin	< 0.125 EU/mL endotoxin as determined by the LAL test, daily process sample tested USP <85> Bacterial Endotoxins
Particulate Matter	Fluid path rinses meet the current limits of USP <788> Particulate Matter in Injections, daily process sample

Table 2. Maximum working pressures for the three types of tubing found in ReadyCircuit™ components

C-Flex®	1 bar (15 psi) at 20°C
Reinforced silicone (AdvantaPure™)	4 bar (60 psi) at 20°C
Pump tubing (Pumpsil™)	
6.3 to 9.1 mm (1/4 to 3/8 in)	1.7 barg (25 psig) at 20°C
12.7 to 19 mm (1/2 to 3/4 in)	1 barg (15 psig) at 20°C

Table 3. Shelf life

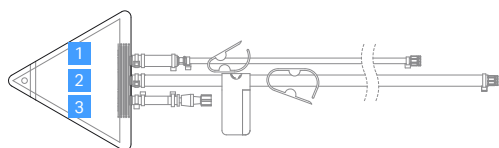
Bag assemblies (2-D and 3-D, unfilled) at ambient temperature	2 years
50 mL sample bag (unfilled) at ambient temperature	3 years
Jumper tubing assemblies at ambient temperature	Jumpers with RS tubing: 12 months Jumpers with C-Flex® or Pumpsil™ tubing: 18 months

Production dimensions and materials

2D storage bag

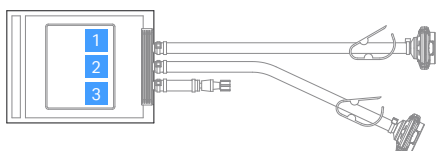
Volume	50 mL	250 mL	1 L	5 L	10 L	20 L	50 L
Length (mm), nominal	140	175	312	485	594	686	622
Width (mm), nominal	140	134	171	268	332	463	872

50 mL



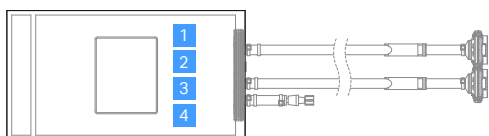
Ports	Description
1	1/8in x1/4in x1ft C-Flex® 374, luer male
2	1/4in x1/2in x2ft C-Flex® 374, luer male
3	3/16in x3/8in x2in silicon with needleless Clave™

250 mL



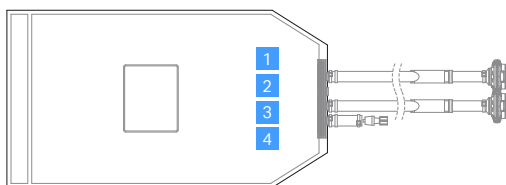
Ports	Description
1	1/4in x1/2in x2ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
2	1/4in x1/2in x2ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
3	3/16in x3/8in x2in silicon with needleless Clave™

1 L



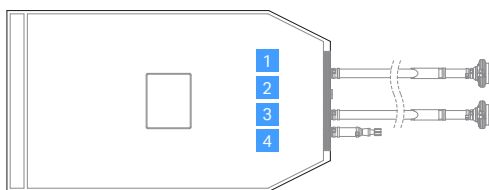
Ports	Description
1	1/4in x1/2in x2ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
2	N/A
3	1/4in x1/2in x2ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
4	3/16in x3/8in x2in silicon with needleless Clave™

5 L



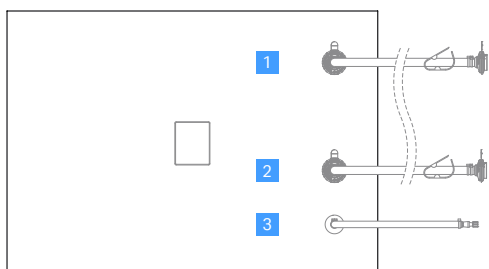
Ports	Description
1	3/8in x5/8in x2ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
2	N/A
3	3/8in x5/8in x2ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
4	3/16in x3/8in x2in silicon with needleless Clave™

10/20 L



Ports	Description
1	1/2in x3/4in x2ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
2	N/A
3	1/2in x3/4in x2ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
4	3/16in x3/8in x2in silicon with needleless Clave™

50 L



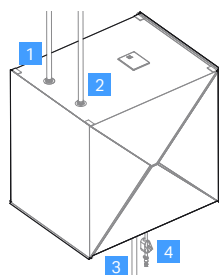
Ports	Description
1	1/2in x3/4in x2ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
2	1/2in x3/4in x2ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
3	3/16in x3/8in x1ft silicon with needleless Clave™

3D storage bag

Volume	50 L	100 L	200 L	500 L	1000 L
Length (mm), nominal	516	516	643	846	1049
Width (mm), nominal	508	508	635	838	1041
Height (mm), nominal	213	481	610	813	940

50/100/200/500 L

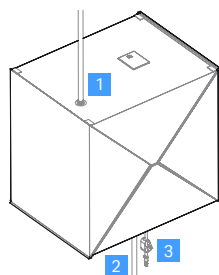
(2x Inlet + 1x Outlet + 1x Sampling Port)



Ports	Description
1	1/2in x3/4in x3ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
2	1/2in x3/4in x3ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
3	1/2in x3/4in x3ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
4	1/4in x7/16in x1.5ft C-Flex® 374 with needleless Clave™

50/100/200/500 L

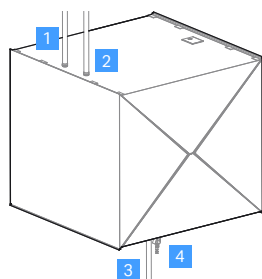
(1x Inlet + 1x Outlet + 1x Sampling Port)



Ports	Description
1	1/2in x3/4in x3ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
2	1/2in x3/4in x3ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
3	1/4in x7/16in x1.5ft C-Flex® 374 with needleless Clave™

1000 L

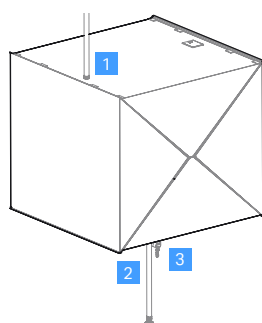
(2x Inlet + 1x Outlet + 1x Sampling Port)



Ports	Description
1	1/2in x 3/4in x3ft C-Flex® 374, Sealed end 3/4in x1 1/8in x3ft C-Flex® 374, ReadyMate™/AseptiQuik™ G
2	1/2in x 3/4in x3ft C-Flex® 374, Sealed end 3/4in x1 1/8in x3ft C-Flex® 374, ReadyMate™/AseptiQuik™ G
3	1/2in x 3/4in x3ft C-Flex® 374, Sealed end 3/4in x1 1/8in x3ft C-Flex® 374, ReadyMate™/AseptiQuik™ G
4	1/4in x7/16in x1.5ft C-Flex® 374 with needleless Clave™

1000 L

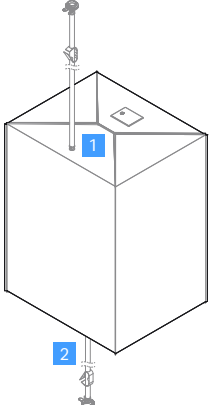
(1x Inlet + 1x Outlet + 1x Sampling Port)



Ports	Description
1	1/2in x 3/4in x3ft C-Flex® 374, Sealed end 3/4in x1 1/8in x3ft C-Flex® 374, ReadyMate™/AseptiQuik™ G
2	1/2in x 3/4in x3ft C-Flex® 374, Sealed end 3/4in x1 1/8in x3ft C-Flex® 374, ReadyMate™/AseptiQuik™ G
3	1/4in x7/16in x1.5ft C-Flex® 374 with needleless Clave™

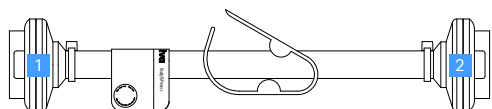
3D storage bag – for ReadyKart and foldable bin

Volume	100 L	200 L
Length (mm), nominal	610	610
Width (mm), nominal	509	509
Height (mm), nominal	416	784

100/200 L	Ports	Description
	1	1/2in x3/4in x3ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G
	2	1/2in x3/4in x3ft C-Flex® 374, Sealed end/ReadyMate™/AseptiQuik™ G

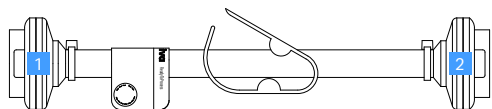
Straight jumper

RMRM jumper w/ 0.25IN CF tubing



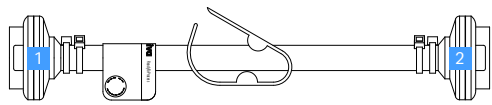
Ports	Description
1	1/4in x1/2in x3ft C-Flex® 374, ReadyMate™ 1/4in x1/2in x5ft C-Flex® 374, ReadyMate™
2	ReadyMate™

RMRM jumper w/ 0.375IN CF tubing



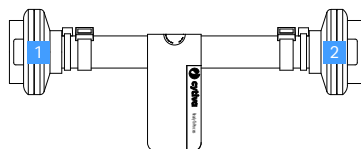
Ports	Description
1	3/8in x5/8in x3ft C-Flex® 374, ReadyMate™ 3/8in x5/8in x5ft C-Flex® 374, ReadyMate™
2	ReadyMate™

RMRM jumper w/ 0.5IN CF tubing

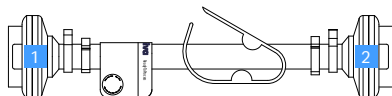


Ports	Description
1	1/2in x3/4in x3ft C-Flex® 374, ReadyMate™ 1/2in x3/4in x5ft C-Flex® 374, ReadyMate™
2	ReadyMate™

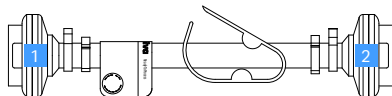
RMRM jumper w/ 0.75IN CF tubing



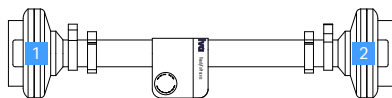
Ports	Description
1	3/4in x1 1/8in x3ft C-Flex® 374, ReadyMate™ 3/4in x1 1/8in x5ft C-Flex® 374, ReadyMate™
2	ReadyMate™

RMRM jumper w/ 0.25IN RS tubing**Ports Description**

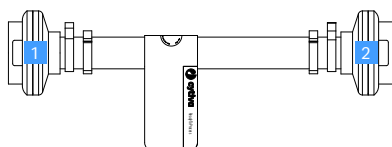
- | | |
|---|--|
| 1 | 1/4in x1/2in x3ft reinforced silicone, ReadyMate™
1/4in x1/2in x5ft reinforced silicone, ReadyMate™ |
| 2 | ReadyMate™ |

RMRM jumper w/ 0.375IN RS tubing**Ports Description**

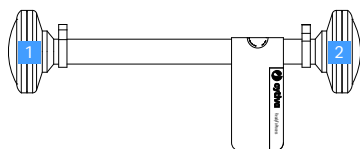
- | | |
|---|--|
| 1 | 3/8in x5/8in x3ft reinforced silicone, ReadyMate™
3/8in x5/8in x5ft reinforced silicone, ReadyMate™ |
| 2 | ReadyMate™ |

RMRM jumper w/ 0.5IN RS tubing**Ports Description**

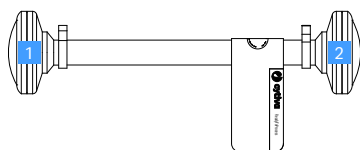
- | | |
|---|--|
| 1 | 1/2in x7/8in x3ft reinforced silicone, ReadyMate™
1/2in x7/8in x5ft reinforced silicone, ReadyMate™ |
| 2 | ReadyMate™ |

RMRM jumper w/ 0.75IN RS tubing**Ports Description**

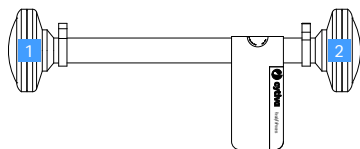
- | | |
|---|--|
| 1 | 3/4in x1 1/8in x3ft reinforced silicone, ReadyMate™
3/4in x1 1/8in x5ft reinforced silicone, ReadyMate™ |
| 2 | ReadyMate™ |

RMRM jumper w/ 0.25IN PSIL tubing**Ports Description**

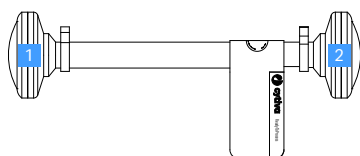
- | | |
|---|--|
| 1 | 1/4in x7/16in x19in Pumpsil™, ReadyMate™ |
| 2 | ReadyMate™ |

RMRM jumper w/ 0.375IN PSIL tubing**Ports Description**

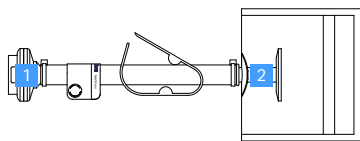
- | | |
|---|---|
| 1 | 3/8in x9/16in x19in Pumpsil™, ReadyMate™
3/8in x5/8in x22in Pumpsil™, ReadyMate™ |
| 2 | ReadyMate™ |

RMRM jumper w/ 0.5IN PSIL tubing**Ports Description**

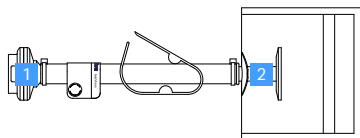
- | | |
|---|--|
| 1 | 1/2in x3/4in x22in Pumpsil™, ReadyMate™
1/2in x7/8in x24in Pumpsil™, ReadyMate™ |
| 2 | ReadyMate™ |

RMRM jumper w/ 0.75IN PSIL tubing**Ports Description**

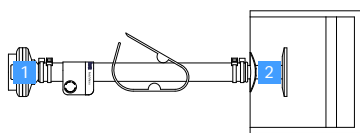
- | | |
|---|---|
| 1 | 3/4in x1 1/8in x24in Pumpsil™, ReadyMate™ |
| 2 | ReadyMate™ |

RMTC jumper w/ 0.25IN CF tubing

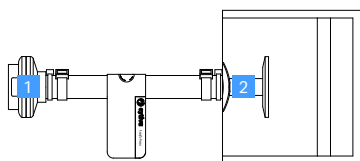
Ports	Description
1	1/4in x1/2in x1ft C-Flex® 374, ReadyMate™
2	1.5in TC Connector

RMTC jumper w/ 0.375IN CF tubing

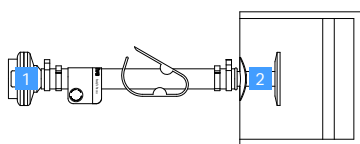
Ports	Description
1	3/8in x5/8in x1ft C-Flex® 374, ReadyMate™
2	1.5in TC Connector

RMTC jumper w/ 0.5IN CF tubing

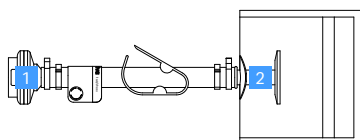
Ports	Description
1	1/2in x3/4in x1ft C-Flex® 374, ReadyMate™
2	1.5in TC Connector

RMTC jumper w/ 0.75IN CF tubing

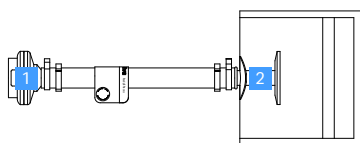
Ports	Description
1	3/4in x1 1/8in x1ft C-Flex® 374, ReadyMate™
2	1.5in TC Connector

RMTC jumper w/ 0.25IN RS tubing

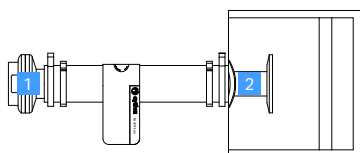
Ports	Description
1	1/4in x1/2in x1ft reinforced silicone, ReadyMate™
2	1.5in TC Connector

RMTC jumper w/ 0.375IN RS tubing

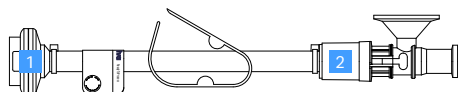
Ports	Description
1	3/8in x5/8in x1ft reinforced silicone, ReadyMate™
2	1.5in TC Connector

RMTC jumper w/ 0.5IN RS tubing

Ports	Description
1	1/2in x7/8in x1ft reinforced silicone, ReadyMate™
2	1.5in TC Connector

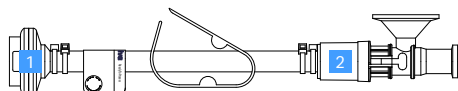
RMTC jumper w/ 0.75IN RS tubing

Ports	Description
1	3/4in x1 1/8in x1ft reinforced silicone, ReadyMate™
2	1.5in TC Connector

RMSTCM jumper w/ 0.375IN CF tubing

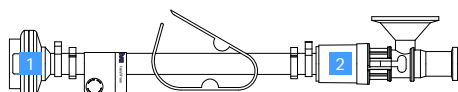
Ports	Description
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- | | |
|---|---|
| 1 | 3/8in x5/8in x1ft C-Flex® 374, ReadyMate™ |
| 2 | Steam-Thru™ SIP Connector |

RMSTCM jumper w/ 0.5IN CF tubing

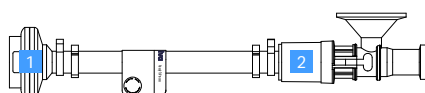
Ports	Description
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- | | |
|---|---|
| 1 | 1/2in x3/4in x1ft C-Flex® 374, ReadyMate™ |
| 2 | Steam-Thru™ SIP Connector |

RMSTCM jumper w/ 0.375IN RS tubing

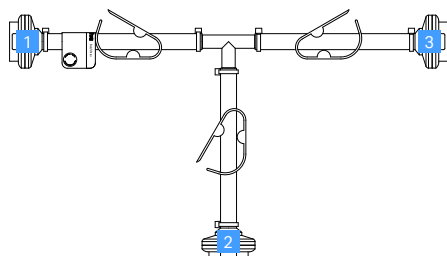
Ports	Description
-------	-------------

- | | |
|---|---|
| 1 | 3/8in x5/8in x1ft reinforced silicone, ReadyMate™ |
| 2 | Steam-Thru™ SIP Connector |

RMSTCM jumper w/ 0.5IN RS tubing

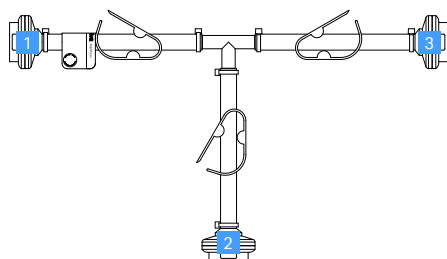
Ports	Description
-------	-------------

- | | |
|---|---|
| 1 | 1/2in x7/8in x1ft reinforced silicone, ReadyMate™ |
| 2 | Steam-Thru™ SIP Connector |

T-Jumper**3RMT jumper w/ 0.25IN CF tubing**

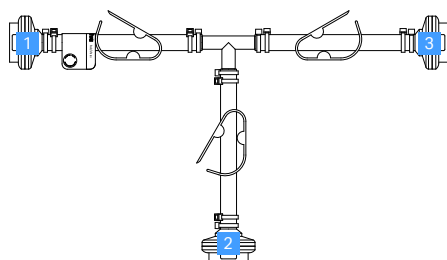
Ports	Description
-------	-------------

- | | |
|---------|---|
| 1, 2, 3 | 1/4in x1/2in x6in C-Flex® 374, ReadyMate™ |
|---------|---|

3RMT jumper w/ 0.375IN CF tubing

Ports	Description
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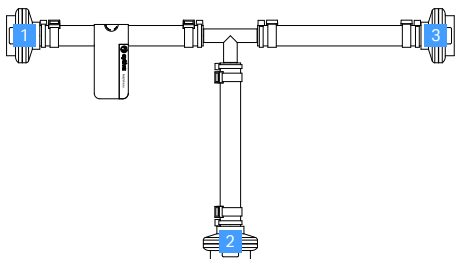
- | | |
|---------|---|
| 1, 2, 3 | 3/8in x5/8in x6in C-Flex® 374, ReadyMate™ |
|---------|---|

3RMT jumper w/ 0.5IN CF tubing

Ports	Description
-------	-------------

- | | |
|---------|---|
| 1, 2, 3 | 1/2in x3/4in x6in C-Flex® 374, ReadyMate™ |
|---------|---|

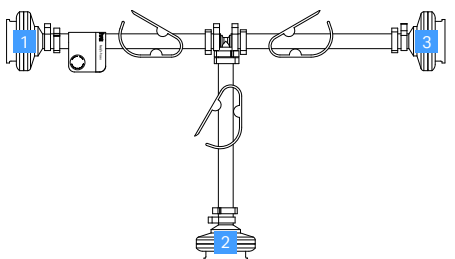
3RMT jumper w/ 0.75IN CF tubing



Ports Description

1, 2, 3 3/4in x1 1/8in x6in C-Flex® 374, ReadyMate™

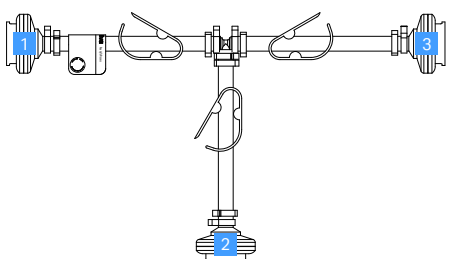
3RMT jumper w/ 0.25IN RS tubing



Ports Description

1, 2, 3 1/4in x1/2in x6in reinforced silicone, ReadyMate™

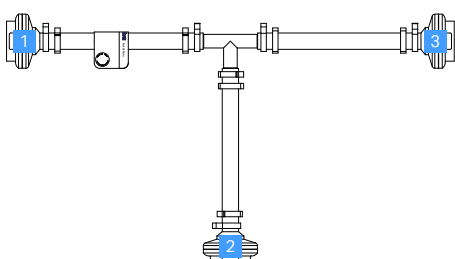
3RMT jumper w/ 0.375IN RS tubing



Ports Description

1, 2, 3 3/8in x5/8in x6in reinforced silicone, ReadyMate™

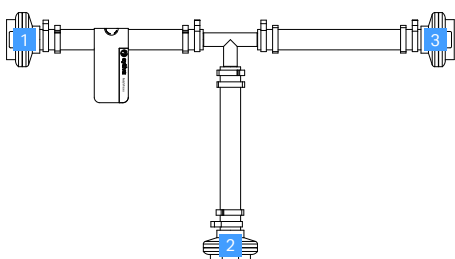
3RMT jumper w/ 0.5IN RS tubing



Ports Description

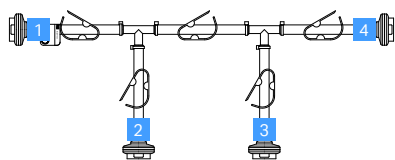
1, 2, 3 1/2in x7/8in x6in reinforced silicone, ReadyMate™

3RMT jumper w/ 0.75IN RS tubing

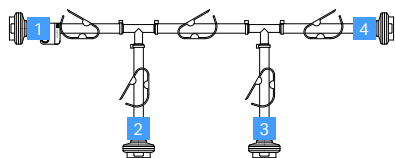


Ports Description

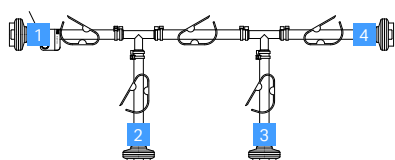
1, 2, 3 3/4in x1 1/8in x6in reinforced silicone, ReadyMate™

4RMT jumper w/ 0.25IN CF tubing**Ports Description**

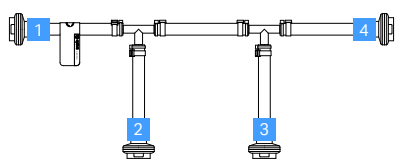
1, 2, 3, 4 1/4in x1/2in x6in C-Flex® 374, ReadyMate™

4RMT jumper w/ 0.375IN CF tubing**Ports Description**

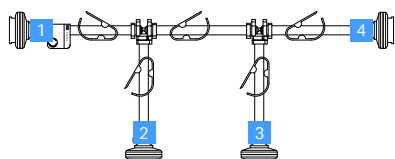
1, 2, 3, 4 3/8in x5/8in x6in C-Flex® 374, ReadyMate™

4RMT jumper w/ 0.5IN CF tubing**Ports Description**

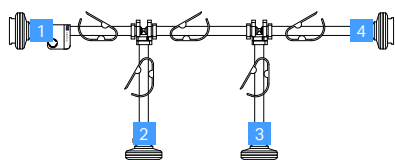
1, 2, 3, 4 1/2in x3/4in x6in C-Flex® 374, ReadyMate™

4RMT jumper w/ 0.75IN CF tubing**Ports Description**

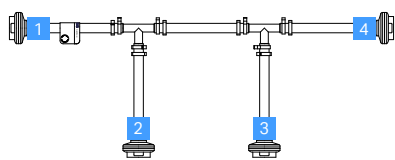
1, 2, 3, 4 3/4in x1 1/8in x6in C-Flex® 374, ReadyMate™

4RMT jumper w/ 0.25IN RS tubing**Ports Description**

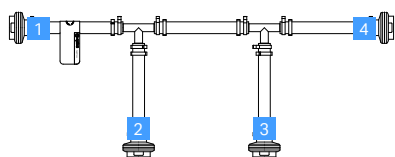
1, 2, 3, 4 1/4in x1/2in x6in reinforced silicone, ReadyMate™

4RMT jumper w/ 0.375IN RS tubing**Ports Description**

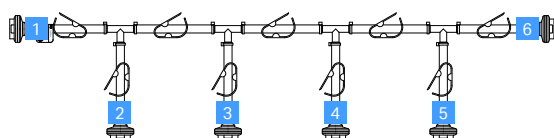
1, 2, 3, 4 3/8in x5/8in x6in reinforced silicone, ReadyMate™

4RMT jumper w/ 0.5IN RS tubing**Ports Description**

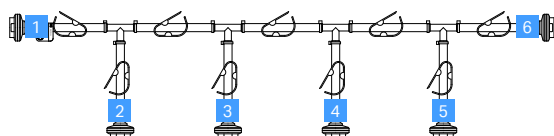
1, 2, 3, 4 1/2in x7/8in x6in reinforced silicone, ReadyMate™

4RMT jumper w/ 0.75IN RS tubing**Ports Description**

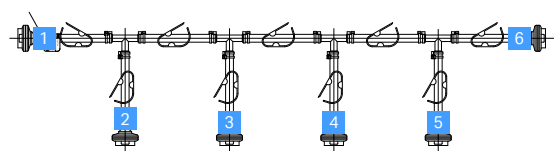
1, 2, 3, 4 3/4in x1 1/8in x6in reinforced silicone, ReadyMate™

6RMT jumper w/ 0.25IN CF tubing**Ports Description**

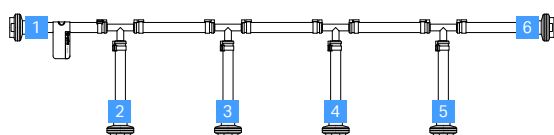
1, 2, 3, 4, 5, 6
1/4in x1/2in x6in C-Flex® 374, ReadyMate™

6RMT jumper w/ 0.375IN CF tubing**Ports Description**

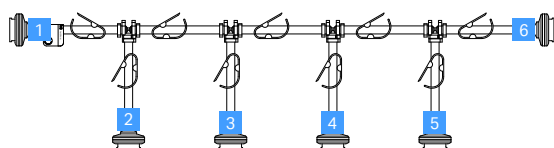
1, 2, 3, 4, 5, 6
3/8in x5/8in x6in C-Flex® 374, ReadyMate™

6RMT jumper w/ 0.5IN CF tubing**Ports Description**

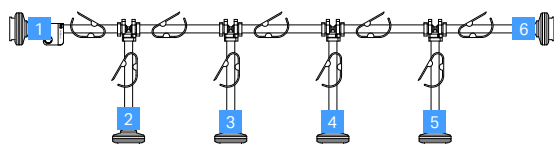
1, 2, 3, 4, 5, 6
1/2in x3/4in x6in C-Flex® 374, ReadyMate™

6RMT jumper w/ 0.75IN CF tubing**Ports Description**

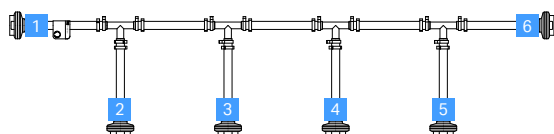
1, 2, 3, 4, 5, 6
3/4in x1 1/8in x6in C-Flex® 374, ReadyMate™

6RMT jumper w/ 0.25IN RS tubing**Ports Description**

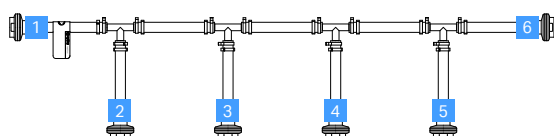
1, 2, 3, 4, 5, 6
1/4in x1/2in x6in reinforced silicone, ReadyMate™

6RMT jumper w/ 0.375IN RS tubing**Ports Description**

1, 2, 3, 4, 5, 6
3/8in x5/8in x6in reinforced silicone, ReadyMate™

6RMT jumper w/ 0.5IN RS tubing**Ports Description**

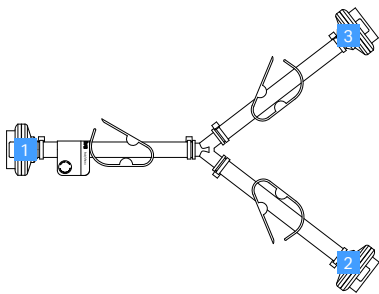
1, 2, 3, 4, 5, 6
1/2in x7/8in x6in reinforced silicone, ReadyMate™

6RMT jumper w/ 0.75IN RS tubing**Ports Description**

1, 2, 3, 4, 5, 6
3/4in x1 1/8in x6in reinforced silicone, ReadyMate™

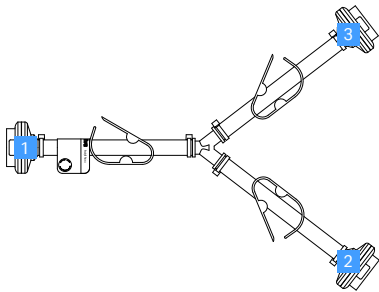
Y-Jumper

3RMY jumper w/ 0.25IN CF tubing



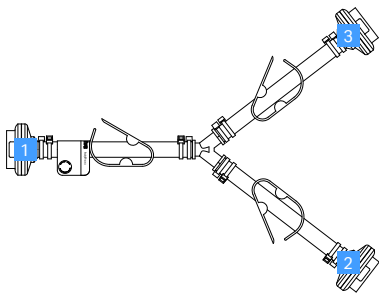
Ports	Description
1, 2, 3	1/4in x1/2in x6in C-Flex® 374, ReadyMate™

3RMY jumper w/ 0.375IN CF tubing



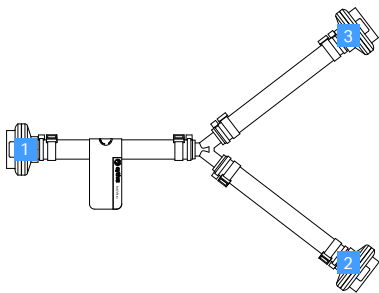
Ports	Description
1, 2, 3	3/8in x5/8in x6in C-Flex® 374, ReadyMate™

3RMY jumper w/ 0.5IN CF tubing



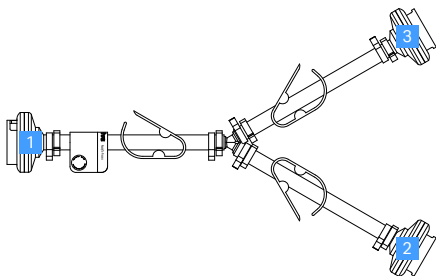
Ports	Description
1, 2, 3	1/2in x3/4in x6in C-Flex® 374, ReadyMate™

3RMY jumper w/ 0.75IN CF tubing



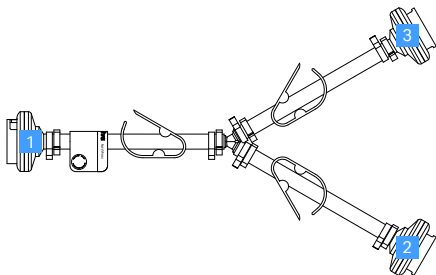
Ports	Description
1, 2, 3	3/4in x1 1/8in x6in C-Flex® 374, ReadyMate™

3RMY jumper w/ 0.25IN RS tubing



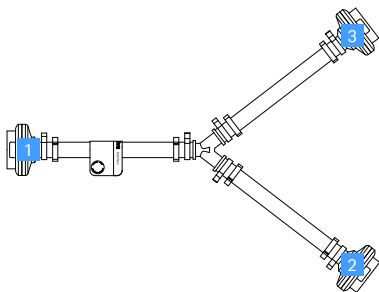
Ports	Description
1, 2, 3	1/4in x1/2in x6in reinforced silicone, ReadyMate™

3RMY jumper w/ 0.375IN RS tubing



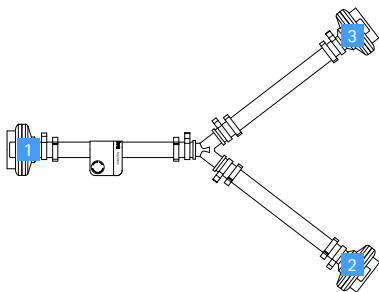
Ports	Description
1, 2, 3	3/8in x5/8in x6in reinforced silicone, ReadyMate™

3RMY jumper w/ 0.5IN RS tubing



Ports	Description
1, 2, 3	1/2in x7/8in x6in reinforced silicone, ReadyMate™

3RMY jumper w/ 0.75IN RS tubing



Ports	Description
1, 2, 3	3/4in x1 1/8in x6in reinforced silicone, ReadyMate™

ReadyToProcess™ XL bins

	ReadyToProcess™ BIN-100	ReadyToProcess™ BIN-200	ReadyToProcess™ BIN-500	ReadyToProcess™ BIN-1000
Dimensions (L × W × H)	85 × 63.4 × 112 cm	101 × 76 × 115 cm	127.5 × 103.5 × 138 cm	153 × 124.5 × 151.5 cm
Empty Weight	49.2 kg (108.5 lbs)	65.1kg (143.5 lbs)	132.0 kg (291.1 lbs)	229.3 kg (505.5 lbs)
Product codes				
Standard bag assemblies	29260255	29260257	29260258	29260354
	29312993	29315051	29315198	29315658
	29313203	29315188	29315207	29315661
	29313205	29315192	29315324	29315681
	29495505	29495509	29495511	29495513
	29495506	29495510	29495512	29495514
	29260256			
	29314300			
	29314322			
	29314849			
	29495507			
	29495508			

ReadyToProcess™ foldable bins

	Foldable BIN-100/200	Foldable BIN-500/1000
Dimensions (L × W × H) unfolded	800 × 600 × 833 mm	1155 × 1155 × 1132 mm
Dimensions (L × W × H) folded	800 × 600 × 383 mm	1155 × 1155 × 467 mm
Empty Weight	20 kg (44.09 lbs)	88.5 kg (195.11 lbs)
Product codes		
Standard bag assemblies	29260189	29260258
	29298665	29315198
	29260253	29315207
	29298855	29315324
		29495511
		29495512
		29260354
		29315658
		29315661
		29315681
		29495513
		29495514

Ordering information

2D storage bags

Description		Bag configuration							Unit/ box
Product code	2D bag assemblies	Volume	Fluid port	Sampling port	Type	Tubing		Connector	
						I.D.	Length		
29260177	1L 2x0.25 IN PORT 2FT CF 5PK (RM)	1 L	1x inlet port 1x outlet port	1 needleless Clave™ sample port	C-Flex® 374	0.25 in (6 mm)	2 ft (610 mm)	ReadyMate™ DAC	5
29294704	1L 2x0.25 IN PORT 2FT CF 5PK (SE)							Seal ended	
29495064	1L 2x0.25 IN PORT 2FT CF 5PK (AQG)							AseptiQuik™ G	
29260179	5L 2x0.375 IN PORT 2FT CF 5PK (RM)	5 L				0.375 in (9 mm)	2 ft (610 mm)	ReadyMate™ DAC	
29295532	5L 2x0.375 IN PORT 2FT CF 5PK (SE)							Seal ended	
29495065	5L 2x0.375 IN PORT 2FT CF 5PK (AQG)							AseptiQuik™ G	
29260181	10L 2x0.5 IN PORT 2FT CF 5PK (RM)	10 L				0.5 in (12 mm)	2 ft (610 mm)	ReadyMate™ DAC	
29296422	10L 2x0.5 IN PORT 2FT CF 5PK (SE)							Seal ended	
29495066	10L 2x0.5 IN PORT 2FT CF 5PK (AQG)							AseptiQuik™ G	
29260183	20L 2x0.5 IN PORT 2FT CF 5PK (RM)	20 L				0.5 in (12 mm)	2 ft (610 mm)	ReadyMate™ DAC	
29297577	20L 2x0.5 IN PORT 2FT CF 5PK (SE)							Seal ended	
29495067	20L 2x0.5 IN PORT 2FT CF 5PK (AQG)							AseptiQuik™ G	
29260185	250mL 2x0.25IN PORT 1 FT CF 5PK (RM)	250 mL				0.25 in (6 mm)	1 ft (305 mm)	ReadyMate™ DAC	
29299884	250mL 2x0.25IN PORT 1 FT CF 5PK (SE)							Seal ended	
29495068	250mL 2x.25 IN PORT 1 FT CF 5PK (AQG)							AseptiQuik™ G	
29260187	50L 2x0.5 IN PORT 2FT CF 5PK (RM)	50 L				0.5 in (12 mm)	2 ft (610 mm)	ReadyMate™ DAC	
29297579	50L 2x0.5 IN PORT 2FT CF 5PK (SE)							Seal ended	
29495069	50L 2x0.5 IN PORT 2FT CF 5PK (AQG)							AseptiQuik™ G	
29448371	50mL 1x(0.25 + 0.125 IN) 2FT CF 5PK-Sampling	50 mL				0.25 in (6 mm)	2 ft (610 mm)	Luer male 1/4 in	
						0.125 in (3mm)	1 ft (305 mm)	Luer male 1/8 in	

3D storage bags

Description		Bag configuration								Unit/ box
Product code	3D bag assemblies	Volume	Dimension	Fluid port	Sampling port	Tubing			Connector	
						Type	I.D.	Length		
29260255	50L 3x0.5IN CF 3FT 5PK (RM)	50 L	516 × 508 × 213 mm	3	1 needleless Clave™ sample port	C-Flex® 374	0.5 in (12 mm)	3 ft (914 mm)	ReadyMate™ DAC	5
29312993	50L 2x0.5IN CF 3FT 5PK (RM)			2					Seal ended	
29313203	50L 3x0.5IN CF 3FT 5PK (SE)			3						
29313205	50L 2x0.5IN CF 3FT 5PK (SE)			2					AseptiQuik™ G	
29495505	50L 3x0.5IN CF 3FT 5PK (AQG)			3						
29495506	50L 2x0.5IN CF 3FT 5PK (AQG)			2						
29260256	100L 3x0.5in CF 3FT 5PK (RM)	100 L	516 × 508 × 481 mm	3					ReadyMate™ DAC	
29314300	100L 2x0.5IN CF 3FT 5PK (RM)			2					Seal ended	
29314322	100L 3x0.5IN CF 3FT 5PK (SE)			3						
29314849	100L 2x0.5IN CF 3FT 5PK (SE)			2					AseptiQuik™ G	
29495507	100L 3x0.5IN CF 3FT 5PK (AQG)			3						
29495508	100L 2x0.5IN CF 3FT 5PK (AQG)			2						
29260257	200L 3x0.5IN CF 3FT 4PK (RM)	200 L	643 × 635 × 610 mm	3					ReadyMate™ DAC	4
29315051	200L 2x0.5IN CF 3FT 4PK (RM)			2					Seal ended	
29315188	200L 3x0.5IN CF 3FT 4PK (SE)			3						
29315192	200L 2x0.5IN CF 3FT 4PK (SE)			2					AseptiQuik™ G	
29495509	200L 3x0.5IN CF 3FT 4PK (AQG)			3						
29495510	200L 2x0.5IN CF 3FT 4PK (AQG)			2						

Product code	3D bag assemblies	Volume	Dimension	Fluid port	Sampling port	Tubing			Connector	Unit/box			
						Type	I.D.	Length					
29260258	500L 3x0.5IN CF 3FT 2PK (RM)	500 L	846 × 838 × 813 mm	3	1 needleless Clave™ sample port	C-Flex® 374	0.5 in (12 mm)	3 ft (914 mm)	ReadyMate™ DAC	2			
29315198	500L 2x0.5IN CF 3FT 2PK (RM)			2					Seal ended				
29315207	500L 3x0.5IN CF 3FT 2PK (SE)			3									
29315324	500L 2x0.5IN CF 3FT 2PK (SE)			2									
29495511	500L 3x0.5IN CF 3FT 2PK (AQG)			3					AseptiQuik™ G				
29495512	500L 2x0.5IN CF 3FT 2PK (AQG)			2									
29260354	1000L 3x0.75IN CF 3FT 1PK (RM)	1000 L	1049 × 1041 × 940 mm	3			0.75 in (18 mm)		ReadyMate™ DAC	1			
29315658	1000L 2x0.75IN CF 3FT 1PK (RM)			2					0.5 in (12 mm)		Seal ended		
29315661	1000L 3x0.5IN CF 3FT 1PK (SE)			3									
29315681	1000L 2x0.5IN CF 3FT 1PK (SE)			2									
29495513	1000L 3x0.75IN CF 3FT 1PK (AQG)			3							AseptiQuik™ G		
29495514	1000L 2x0.75IN CF 3FT 1PK (AQG)			2									

3D storage bags – for ReadyKart and foldable bin

Description		Bag configuration							
Product code	3D bag assemblies	Volume	Fluid port	Sampling port	Tubing			Connector	Unit/box
					Type	I.D.	Length, nominal		
29260189	100L 2x0.5IN PORT 3FT CF 5PK (RM)	100 L	2	1 needleless Clave™ sample port	C-Flex® 374	0.5 in (12 mm)	3 ft (914 mm)	ReadyMate™ DAC	5
29298665	100L 2x0.5IN PORT 3FT CF 5PK (SE)					Seal ended			
29260253	200L 2x0.5IN PORT 3FT CF 4PK (RM)	200 L				0.5 in (12 mm)		ReadyMate™ DAC	4
29298855	200L 2x0.5IN PORT 3FT CF 4PK (SE)					Seal ended			

WAVE™ Cellbag™ container (basic)

Product code	Bag description	Bag configuration			Unit/box
		Volume	Ports	Description	
CB500ML722-01-08PK-CN	Cellbag™, 500mL, 722F, Basic	500 mL	1, 3, 5, 7	Air inlet filter	8
			2, 4, 6, 8	3/16 in x 3/8 in x 2 in silicone, needleless sampling	
CB0001L722-01-08PK-CN	Cellbag™, 1L, 722F, Basic	1 L	1, 5	1/8 in x 1/4 in x 39 in C-Flex®, female luer	
			2, 6	3/16 in x 3/8 in x 2 in silicone, needleless sampling	
			3, 7	Air outlet filter, check valve	
			4, 8	Air inlet filter	
CB0002L722-01-08PK-CN	Cellbag™, 2L, 722F, Basic	2 L	1	1/8 in x 1/4 in x 39 in C-Flex®, female luer	
			2	3/16 in x 3/8 in x 2 in silicone, needleless sampling	
			3	Air inlet filter	
			4	Air outlet filter, check valve	
CB0010L722-01-05PK-CN	Cellbag™, 10L, 722F, Basic	10 L	1	1/8 in x 1/4 in x 39 in C-Flex®, female luer	5
			2	1/4 in x 7/16 in x 39 in C-Flex®, female MPC	
			3	3/16 in x 3/8 in x 2 in silicone, needleless sampling	
			4	Air inlet filter	
			5	Air outlet filter, check valve	
CB0020L722-01-05PK-CN	Cellbag™, 20L, 722F, Basic	20 L	1	1/8 in x 1/4 in x 39 in C-Flex®, female luer	
			2	1/4 in x 7/16 in x 39 in C-Flex®, female MPC	
			3	3/16 in x 3/8 in x 2 in silicone, needleless sampling	
			4	Air inlet filter	
			5	Air outlet filter, check valve	
CB0050L722-01-05PK-CN	Cellbag™, 50L, 722F, Basic	50 L	1	1/8 in x 1/4 in x 39 in C-Flex®, female luer	
			2	1/4 in x 7/16 in x 39 in C-Flex®, female MPC	
			3	3/16 in x 3/8 in x 2 in silicone, needleless sampling	
			4	Air inlet filter	
			5	Air outlet filter, check valve	

Jumpers

Product description		Product configuration						
Product code	Jumper	Type	Tubing			Connector		Unit/box
			Material	I.D. x O.D.	Length, nominal	Type	Qty	
29442422	RMRM Jumper 0.25INx3FT CF 5PK-CN	Straight jumper	C-Flex® 374	1/4 IN x 1/2 IN	3 FT	ReadyMate™ DAC	2	5
29442423	RMRM Jumper 0.375INx3FT CF 5PK-CN			3/8 IN x 5/8 IN				
29442424	RMRM Jumper 0.5INx3FT CF 5PK-CN			1/2 IN x 3/4 IN				
29442425	RMRM Jumper 0.75INx3FT CF 5PK-CN			3/4 IN x 1-1/8 IN				
29442426	RMRM Jumper 0.25INx3FT RS 5PK-CN		Reinforced Silicone Tubing (APSH, AdvantaPure™)	1/4 IN x 1/2 IN				5
29442427	RMRM Jumper 0.375INx3FT RS 5PK-CN			3/8 IN x 5/8 IN				
29442428	RMRM Jumper 0.5INx3FT RS 5PK-CN			1/2 IN x 7/8 IN				
29442429	RMRM Jumper 0.75INx3FT RS 5PK-CN			3/4 IN x 1-1/8 IN				
29442430	RMRM Jumper 0.25INx5FT CF 5PK-CN		C-Flex® 374	1/4 IN x 1/2 IN	5 FT			5
29442431	RMRM Jumper 0.375INx5FT CF 5PK-CN			3/8 IN x 5/8 IN				
29442433	RMRM Jumper 0.5INx5FT CF 5PK-CN			1/2 IN x 3/4 IN				
29442435	RMRM Jumper 0.75INx5FT CF 5PK-CN			3/4 IN x 1-1/8 IN				
29442436	RMRM Jumper 0.25INx5FT RS 5PK-CN		Reinforced Silicone Tubing (APSH, AdvantaPure™)	1/4 IN x 1/2 IN				5
29442437	RMRM Jumper 0.375INx5FT RS 5PK-CN			3/8 IN x 5/8 IN				
29442439	RMRM Jumper 0.5INx5FT RS 5PK-CN			1/2 IN x 7/8 IN				
29442440	RMRM Jumper 0.75INx5FT RS 5PK-CN			3/4 IN x 1-1/8 IN				
29442441	RMTC Jumper 0.25INx1FT CF 5PK-CN		C-Flex® 374	1/4 IN x 1/2 IN	1 FT	ReadyMate™ DAC TC Connector (Sanitary flange)	1/1	5
29442442	RMTC Jumper 0.375INx1FT CF 5PK-CN			3/8 IN x 5/8 IN				
29442443	RMTC Jumper 0.5INx1FT CF 5PK-CN			1/2 IN x 3/4 IN				
29442444	RMTC Jumper 0.75INx1FT CF 5PK-CN			3/4 IN x 1-1/8 IN				
29442445	RMSTCM Jumper 0.375INx1FT CF 5PK-CN			3/8 IN x 5/8 IN		ReadyMate™ DAC Steam-Thru™ Connector		5
29442446	RMSTCM Jumper 0.5INx1FT CF 5PK-CN			1/2 IN x 3/4 IN				
29442447	RMTC Jumper 0.25INx1FT RS 5PK-CN		Reinforced Silicone Tubing (APSH, AdvantaPure™)	1/4 IN x 1/2 IN		ReadyMate™ DAC TC Connector (Sanitary flange)		5
29442448	RMTC Jumper 0.375INx1FT RS 5PK-CN			3/8 IN x 5/8 IN				
29442449	RMTC Jumper 0.5INx1FT RS 5PK-CN			1/2 IN x 7/8 IN				
29442450	RMTC Jumper 0.75INx1FT RS 5PK-CN			3/4 IN x 1-1/8 IN				
29442451	RMSTCM Jumper 0.375INx1FT RS 5PK-CN			3/8 IN x 5/8 IN		ReadyMate™ DAC Steam-Thru™ Connector		5
29442452	RMSTCM Jumper 0.5INx1FT RS 5PK-CN			1/2 IN x 7/8 IN				

Jumpers

Product description		Product configuration						
Product code	Jumper	Type	Tubing			Connector		Unit/ box
			Material	I.D. x O.D.	Length, nominal	Type	Qty	
29442453	3RMT JUMPER 0.25INx6IN CF 5PK-CN	T-Jumper	C-Flex® 374	1/4 IN x 1/2 IN	6 IN (Each)	ReadyMate™ DAC	3	5
29442454	3RMT JUMPER 0.375INx6IN CF 5PK-CN			3/8 IN x 5/8 IN				
29442455	3RMT JUMPER 0.5INx6IN CF 5PK-CN			1/2 IN x 3/4 IN				
29442456	3RMT JUMPER 0.75INx6IN CF 5PK-CN			3/4 IN x 1-1/8 IN				
29442457	4RMT JUMPER 0.25INx6IN CF 5PK-CN			1/4 IN x 1/2 IN			4	5
29442638	4RMT JUMPER 0.375INx6IN CF 5PK-CN			3/8 IN x 5/8 IN				
29442639	4RMT JUMPER 0.5INx6IN CF 5PK-CN			1/2 IN x 3/4 IN				
29442640	4RMT JUMPER 0.75INx6IN CF 5PK-CN			3/4 IN x 1-1/8 IN				
29442641	6RMT JUMPER 0.25INx6IN CF 5PK-CN			1/4 IN x 1/2 IN			6	5
29442642	6RMT JUMPER 0.375INx6IN CF 5PK-CN			3/8 IN x 5/8 IN				
29442643	6RMT JUMPER 0.5INx6IN CF 5PK-CN			1/2 IN x 3/4 IN				
29442644	6RMT JUMPER 0.75INx6IN CF 5PK-CN			3/4 IN x 1-1/8 IN				
29442646	3RMT JUMPER 0.25INx6IN RS 5PK-CN		Reinforced Silicone Tubing (APSH, AdvantaPure™)	1/4 IN x 1/2 IN	3		5	
29442647	3RMT JUMPER 0.375INx6IN RS 5PK-CN			3/8 IN x 5/8 IN				
29442648	3RMT JUMPER 0.5INx6IN RS 5PK-CN			1/2 IN x 7/8 IN				
29442649	3RMT JUMPER 0.75INx6IN RS 5PK-CN			3/4 IN x 1-1/8 IN				
29442650	4RMT JUMPER 0.25INx6IN RS 5PK-CN			1/4 IN x 1/2 IN	4		5	
29442651	4RMT JUMPER 0.375INx6IN RS 5PK-CN			3/8 IN x 5/8 IN				
29442652	4RMT JUMPER 0.5INx6IN RS 5PK-CN			1/2 IN x 7/8 IN				
29442653	4RMT JUMPER 0.75INx6IN RS 5PK-CN			3/4 IN x 1-1/8 IN				
29442654	6RMT JUMPER 0.25INx6IN RS 5PK-CN			1/4 IN x 1/2 IN	6		5	
29442655	6RMT JUMPER 0.375INx6IN RS 5PK-CN			3/8 IN x 5/8 IN				
29442656	6RMT JUMPER 0.5INx6IN RS 5PK-CN			1/2 IN x 7/8 IN				
29442657	6RMT JUMPER 0.75INx6IN RS 5PK-CN			3/4 IN x 1-1/8 IN				
29442658	3RMY JUMPER 0.25INx6IN CF 5PK-CN	Y-Jumper	C-Flex® 374	1/4 IN x 1/2 IN	3	5		
29442659	3RMY JUMPER 0.375INx6IN CF 5PK-CN			3/8 IN x 5/8 IN				
29442660	3RMY JUMPER 0.5INx6IN CF 5PK-CN			1/2 IN x 3/4 IN				
29442661	3RMY JUMPER 0.75INx6IN CF 5PK-CN			3/4 IN x 1-1/8 IN				
29442662	3RMY JUMPER 0.25INx6IN RS 5PK-CN		Reinforced Silicone Tubing (APSH, AdvantaPure™)	1/4 IN x 1/2 IN				
29442663	3RMY JUMPER 0.375INx6IN RS 5PK-CN			3/8 IN x 5/8 IN				
29442664	3RMY JUMPER 0.5INx6IN RS 5PK-CN			1/2 IN x 7/8 IN				
29442665	3RMY JUMPER 0.75INx6IN RS 5PK-CN			3/4 IN x 1-1/8 IN				
29442666	PSIL JUMPER 0.25INIDx0.437INOD 5PK-CN	Straight jumper	Pumpsil™ Platinum Cured Tubing	1/4 IN x 7/16 IN	19 IN	2	5	
29442667	PSIL JUMPER 0.375INIDx0.563INOD 5PK-CN			3/8 IN x 9/16 IN	22 IN			
29442668	PSIL JUMPER 0.375INIDx0.625INOD 5PK-CN			3/8 IN x 5/8 IN	22 IN			
29442669	PSIL JUMPER 0.5INIDx0.75INOD 5PK-CN			1/2 IN x 3/4 IN	24 IN			
29442671	PSIL JUMPER 0.5INIDx0.875INOD 5PK-CN			1/2 IN x 7/8 IN	24 IN			
29442672	PSIL JUMPER 0.75INIDx1.125INOD 5PK-CN			3/4 IN x 1-1/8 IN				

ReadyToProcess™ XL bin

Product	Description	Product code
ReadyToProcess™ BIN-100	100 L standard bin including casters and drain plate	29384060
ReadyToProcess™ BIN-200	200 L standard bin including casters and drain plate	29384061
ReadyToProcess™ BIN-500	500 L standard bin including casters, drain plate and removable door	29384063
ReadyToProcess™ BIN-1000	1000 L standard bin including casters, drain plate and removable door	29384064

ReadyToProcess™ foldable bin

Product	Description	Product code
Foldable BIN-500/1000	500L/1000L stainless steel dolly	29615909
	Foldable bin, 500L/1000L	29615904
	500L insert	29615906
Foldable BIN-100/200	100L/200L stainless steel dolly	29615910
	Foldable bin, 100L/200L	29615905
	100L/200L insert	29615907

Related literature

Date files	Product code
ReadyCircuit™ bags and tubing assemblies	28960644
ReadyKart mobile processing station	28960648
ReadyMate™ Disposable Aseptic Connectors	28937902

Operating manuals

ReadyCircuit™ bags and tubing assemblies	28960646
ReadyKart mobile processing station	28960647
ReadyMate™ Disposable Aseptic Connectors	28938570
ReadyToProcess™ bins	29077794
ReadyToProcess™ foldable bins	29660357

Quick reference guide

Getting started with ReadyCircuit™ components	29293762
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