

ReadyCircuit bags and tubing assemblies

READYTOPROCESS

ReadyCircuit™ assemblies are part of the Cytiva ReadyToProcess™ product platform (Fig 1). ReadyCircuit assemblies allow you to simplify and speed up 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.

ReadyCircuit bags and tubing assemblies deliver:

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

Versatility

The inherent versatility of ReadyCircuit assemblies allows you to design and build almost any fluid processing circuit you can imagine. For example, you can easily assemble fully functional cross flow filtration (CFF) or normal flow filtration (NFF) systems including sensors for pressure, temperature, and conductivity. You can select from a broad variety of standard filter components, tubing, sensors, and bag assemblies from 250 mL up to 1000 L.

In addition, Cytiva custom builds assemblies to your specifications.



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

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 clinical phase II trials, processing in areas where the risk of cross-contamination is high, and Fast Trak drug development processes.

Grow into a full manufacturing system

You can develop new products, manufacture products, or evaluate the feasibility of an entire manufacturing system without a large capital investment by integrating ReadyCircuit assemblies with Cytiva's robust and growing line of ReadyToProcess products and systems. ReadyToProcess products and systems include:

- ÄKTA™ ready system and ReadyToProcess columns
- WAVE Bioreactor™ systems and Cellbag™ bioreactors, Tube Sealer and Sterile Tube Fuser
- ULTA™ Pure HC, MR, and SG, ULTA Prime CG, and GF normal flow filters
- ReadyToProcess hollow fiber cross flow filter cartridges
- ReadyMate DAC
- ReadyKart mobile processing stations and ancillary equipment, trays, pumps, filter holding devices and sensor displays
- ReadyToProcess Bins

Bag assemblies in four configurations

Scale-up capability is offered by ReadyCircuit bags, for maintained continuity in your development efforts. Bag types include sample bags for small-volume applications, 50 L horizontal pillow bag, 1, 5, 10, and 20 L 2-D pillow bags for vertical or horizontal use on mobile carts, and 50, 100, 200, 500, and 1000 L 3-D bags for large-scale production.

ReadyCircuit bags have inlet and outlet ports and are supplied sterile with ReadyMate DAC. Port configuration varies with bag type.

ReadyKleer Film

ReadyCircuit bag assemblies are manufactured from robust ReadyKleer Film. The thickness of the film is 13 mils (235 µm). The single-ply film is composed of five layers: an outer layer of polyethylene (PE), a gas barrier layer of ethylene vinyl alcohol (EVOH), an ultra-low density polyethylene (ULDPE) fluid contact layer, and tie layers in between to bond the three major layers together (Fig 2). Tie layer information is supplier proprietary. The ReadyKleer Film exhibits exceptional clarity, low oxygen permeability, and high tensile strength. The inert PE offers good biocompatibility, chemical resistance and very low levels of extractables (more data can be found in the ReadyCircuit validation guide, 28-9606-50).

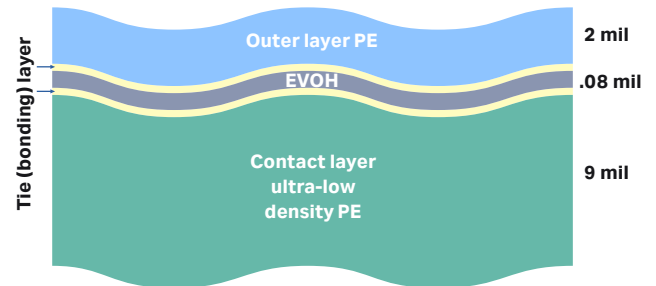


Fig 2. ReadyKleer Film, a single-ply, five-layer film with very good clarity, low oxygen permeability, and high tensile strength.

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 processing needs (Fig 3). 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 3. C-Flex®, Pumpsil™, and AdvantaPure™ reinforced silicone.

Sensor assemblies

ReadyCircuit sensors are tubing assemblies integrated with sensors for temperature, pressure, and conductivity. The sensor assemblies use ReadyMate DAC (Fig 4). Sensors are compatible with SciLog BioProcessing Systems SciTemp™, SciPres™, and SciCon™ monitors (part numbers 080-790, 080-690, and 080-590, respectively).



Fig 4. Sensor connects to tubing with ReadyMate DAC.

Filter assemblies

ReadyToProcess assemblies include cross flow filtration and normal flow filtration filter capsules, sterilized and configured with tubing and ReadyMate DAC.

Normal flow capsules are single-use filter assemblies designed for laboratory- to process-scale applications (Fig 5A). Depending on size, volume capability ranges from a few milliliters to thousands of liters of solution.

The ReadyToProcess hollow fiber cartridge includes a feed port, retentate port, and two permeate ports for cross flow filtration applications (Fig 5B). The cartridges are shipped sterilized and uses ReadyMate DAC to maintain sterility when you connect the filter cartridge to your filtration system.



Fig 5. (A) ReadyToProcess ULTA normal flow filter capsule assembly and (B) ReadyToProcess hollow fiber cross flow filter cartridge assembly.

Easy to use

Most ReadyCircuit assemblies use ReadyMate DAC. 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, reduces inventory
- Simple — no special tools or training required for aseptic connection in less than 60 seconds
- Self-contained — single-use aseptic connections easily made in nonhooded environments
- Robust — fits sanitary clamps for permanent, high-pressure applications; gamma stable

ReadyCircuit configurator

The ReadyCircuit configurator is a rapid system design tool that removes the headaches and time required to manually design a system to meet your needs: The configurator is a product selection and quotation tool that your Cytiva representative can walk you through to help you select and order standard and custom-designed ReadyCircuit assemblies. The configurator not only helps you select and order the right components, but also provides budgetary quotations, drawings, and a bill of materials.

Specifications

Specifications for ReadyCircuit bag and tubing assemblies are listed in Table 1.

Table 1. Specification for ReadyCircuit bag and tubing assemblies**General specification for ReadyCircuit assemblies**

Processing temperature (liquid temperature)	2°C to 45°C
Operating temperature (ambient temperature)	2°C to 45°C
Cycles	Maximum number of cycles = 3
Maximum operational cycle time	8 h, continuous at maximum pump rpm
Endotoxin	For process fluid contact surfaces, endotoxin level is < 0.25 EU/mL using a water extraction method
Sterility	For standard and custom circuits, each subassembly and component is sterile for all fluid contact surfaces (per AAMI TIR 33:2005 and the principles of ISO/AAMI/ASTM 11137-1:2006)
Regulatory claims	USP Class VI for wetted parts, USP <88>. See also STD 70-5038-14 Hemolysis, ISO 10993-4 L929 MEM Elution Test ISO 10993-5 (Cytotoxicity) Animal-free Origin for wetted parts per EMEA/410/01 part 6.4 (alternatively — manufacturing under denaturing conditions) Material certificates and full traceability (biopharmaceutical class) for all wetted parts 21 CFR Part 177 [†] , Indirect Food Additives: Polymers
For CFF and sub assemblies only: extractables — TOC	Each CFF subassembly flushed (pre-sterilization) to reduce the TOC level to below 0.5 ppm
Extractables — conductivity	Each CFF subassembly flushed (pre sterilization) to reduce the conductivity level to below 1 to 3 µs/cm

[†] One ingredient of C-Flex product is not fully categorized to title 21 Code of Federal Regulations Part 170-199. All other parts apply.

Tubing

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

C-Flex	1 bar (15 psi) at 20°C
Reinforced (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
Pump tubing (PumpSil) 12.7 to 19 mm (1/2 to 3/4 in)	1 barg (15 psig) at 20°C

Filters**UF CFF filters**

Maximum pressure from the pump discharge	4.1 barg (60 psig) at 20°C
Maximum permeate pressure	1 barg (15 psig) at 20°C

MF CFF filters

Maximum pressure from the pump discharge at 20°C	2.0 barg (30 psig) for 0.1 µm pore size
	1.7 barg (25 psig) for 0.2 µm pore size
	1.0 barg (15 psig) for 0.45 and 0.65 µm pore size
Maximum permeate pressure	1 barg (15 psig) at 20°C

NFF filters

Maximum feed pressure	1 barg (15 psig)
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Bags**Storage of unfilled products**

Temperature	-20°C to 45°C
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Storage of 2-D bags filled with process fluids

Temperature	-80°C to 45°C
Shelf life at 1 to 45°C	30 d
Shelf life at -20 to 0°C	3 y
Shelf life at -80 to -21°C	3 y

Storage of 3-D bags filled with process fluids

Temperature	2°C to 45°C
Shelf-life at 2 to 45°C	30 d

Sensors

SciTemp Flow-Thru temperature sensor specifications

Material, fluid contact	Medical-grade polysulfone meets USP <88> Class VI and FDA 21CFR177.1520. All wetted materials are made of animal-free compounds. Compatible with most sanitizing agents such as NaOH, hypochlorite. Sensors can be repeatedly autoclaved.
Sensor type	Thermistor, epoxy-coated, 2252 Ω
Temperature range	- 10°C to 125°C
Temperature accuracy	\pm 0.10°C in the 4.0°C to 70.0°C range
Temperature display resolution	Two decimal places (0.01°C)
Sensor connectors	Lockable and waterproof
Sensor microchip	EPROM-stored sensor ID and calibration factor

SciPres Flow-Thru pressure sensor specifications

Material, fluid contact	Medical-grade polysulfone meets USP <88> Class VI and FDA 21CFR177.1520. All wetted materials are made of animal-free compounds. Compatible with most sanitizing agents such as NaOH, hypochlorite, for flow cell sanitization. Can be sterilized. Autoclavable and gamma stable.
Sensor type	Medical-grade, silicone piezoresistive sensing element with on-chip temperature compensation
Sensor isolation	Insoluble silicone dielectric gel isolates sensing element from process solution. The gel is a non-toxic, non-allergenic elastomer system that meets all USP Biological Safety, Class VI plastics requirements
Pressure range	0.34 to 4.1 barg (- 5 to 60 psig)
Pressure accuracy	\pm 0.02 barg (\pm 0.30 psig)
Pressure resolution	0.0007 barg (0.01 psig)
Temperature range	0°C to 60°C
Sensor microchip	EPROM-stored sensor ID and calibration factor
Sensor connector and cables	Lockable and waterproof

SciCon Flow-Thru conductivity sensor specifications

Material, fluid contact	Natural polypropylene (PP) or polysulfone (PS) w/gold electrodes; medical grade meets USP <88> Class VI and FDA 21 CFR 177.1520. All wetted materials are made of animal-free compounds. Compatible with most sanitizing agents such as NaOH, hypochlorite, for flow cell sanitization. Can be sterilized: autoclavable and gamma stable.
Sensor type	4-electrode conductivity cell, factory calibrated, ready to use
Conductivity range	1 S/cm to 200 mS/cm
Resolution	0.1 S/cm
Accuracy	High range \pm 0.25 mS in the 10 to 200 mS range Low range \pm 3 μ S in the 0 to 100 μ S range
Temperature range	4°C to 50°C
Temperature probe	Thermistor, factory calibrated
Temperature accuracy	\pm 0.5°C
Sensor microchip	EPROM-stores device ID, cell constant, temp offset and factory calibration data
Precalibration	47 μ S at 25.0°C using standard traceable to NIST
Sensor connector and cables	Lockable and waterproof

Ordering information

Description	Expanded description	Code number
Hanging/pillow bags		
1L 30.25 in port 1 ft CF 1PK	1 L hanging/pillow bag with a needleless Clave™ sample port and 3 ports having 1 ft (305 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-18
1L 40.25 in port 1 ft CF 1PK	1 L hanging/pillow bag with a needleless Clave sample port and 4 ports having 1 ft (305 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-19
5L 30.375 in port 1 ft CF 1PK	5 L hanging/pillow bag with a needleless Clave sample port and 3 ports having 1 ft (305 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-20
5L 40.375 in port 1 ft CF 1PK	5 L hanging/pillow bag with a needleless Clave sample port and 4 ports having 1 ft (305 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-21
10L 30.5 in port 1 ft CF 1PK	10 L hanging/pillow bag with a needleless Clave sample port and 3 ports having 1 ft (305 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-22
10L 40.5 in port 1 ft CF 1PK	10 L hanging/pillow bag with a needleless Clave sample port and 4 ports having 1 ft (305 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-23
20L 30.5 in port 1 ft CF 1PK	20 L hanging/pillow bag with a needleless Clave sample port and 3 ports having 1 ft (305 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-24
20L 40.5 in port 1 ft CF 1PK	20 L hanging/pillow bag with a needleless Clave sample port and 4 ports having 1 ft (305 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-25
250 mL 2.25 in port 1 ft CF1PK	250 mL sample bag with a needleless Clave sample port and 2 ports having 1 ft (305 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-26
500 mL 2.25 in port 1 ft CF1PK	500 mL sample bag with a needleless Clave sample port and 2 ports having 1 ft (305 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-27
2-D pillow bags		
50L 30.75 in port 1 ft CF 1PK	50 L pillow bag with a needleless Clave sample port and 3 ports having 1 ft (305 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-28
50L 40.75 in port 1 ft CF 1PK	50 L pillow bag with a needleless Clave sample port and 4 ports having 1 ft (305 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-29
3-D bag assemblies (for use with ReadyKart)		
100L 40.75 in port 18 in CF 1PK	100 L 3D-bag with 4 ports having 18 in (457 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-06
100L 50.75 in port 18 in CF 1PK	100 L 3D-bag with 5 ports having 18 in (457 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-07
200L 40.75 in port 18 in CF 1PK	200 L 3D-bag with 4 ports having 18 in (457 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-08
200L 50.75 in port 18 in CF 1PK	200 L 3D-bag with 5 ports having 18 in (457 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4102-09
3-D bag assemblies (for use with ReadyToProcess Bins)		
50L 3×0.5in CF1pk	50 L 3D-bag with a needleless Clave sample port, 2 top ports and 1 bottom port with C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC, must be ordered in multiples of 5 units.	29-0648-47
100L 3×0.5in CF1pk	100 L 3D-bag with a needleless Clave sample port, 2 top ports and 1 bottom port with C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC, must be ordered in multiples of 5 units.	29-0648-48
200L 3×0.5in CF1pk	200 L 3D-bag with a needleless Clave sample port, 2 top ports and 1 bottom port with C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC, must be ordered in multiples of 4 units.	29-0648-49
500L 3×0.5in CF1pk	500 L 3D-bag with a needleless Clave sample port, 2 top ports and 1 bottom port with C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC, must be ordered in multiples of 2 units.	29-0648-50
50L 2×0.5in + 2×0.75in CF1pk	50 L 3D-bag with a needleless Clave sample port, 1 0.75 in bottom port, 1 0.75 in top port, and 2 0.5 in top ports. All non-sampling ports with C-Flex 374 tubing terminating with ReadyMate DAC, must be ordered in multiples of 5 units.	29-0648-54
100L 2×0.5in + 2×0.75in CF1pk	100 L 3D-bag with a needleless Clave sample port, 1 0.75 in bottom port, 1 0.75 in top port, and 2 0.5 in top ports. All non-sampling ports with C-Flex 374 tubing terminating with ReadyMate DAC, must be ordered in multiples of 5 units.	29-0648-55
200L 2×0.5in + 2×0.75in CF1pk	200 L 3D-bag with a needleless Clave sample port, 1 0.75 in bottom port, 1 0.75 in top port, and 2 0.5 in top ports. All non-sampling ports with C-Flex 374 tubing terminating with ReadyMate DAC, must be ordered in multiples of 4 units.	29-0648-56
500L 2×0.5in + 2×0.75in CF1pk	500 L 3D-bag with a needleless Clave sample port, 1 0.75 in bottom port, 1 0.75 in top port, and 2 0.5 in top ports. All non-sampling ports with C-Flex 374 tubing terminating with ReadyMate DAC, must be ordered in multiples of 2 units.	29-0648-57
1000L 3×0.75in CF1p	1000 L 3D-bag with a needleless Clave sample port, 2 top ports and 1 bottom port with C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC, must be ordered in multiples of 2 units.	29-1066-92
1000L 2×0.75in + 2×1.0in CF1pk	1000 L 3D-bag with a needleless Clave sample port, 1 1 in bottom port, 1 1 in top port, and 2 0.75 in top ports. All non-sampling ports with C-Flex 374 tubing terminating with ReadyMate DAC, must be ordered in multiples of 2 units.	29-1066-93

Description	Expanded description	Code number
Jumper, tube set assemblies		
RMRM Jumper 0.25 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-14
RMRM Jumper 0.25 in 3 ft CF1PK	Jumper tube set with 3 ft (914 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-15
RMRM Jumper 0.25 in 5 ft CF1PK	Jumper tube set with 5 ft (1524 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-16
RMRM Jumper 0.375 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-17
RMRM Jumper 0.375 in 3 ft CF1PK	Jumper tube set with 3 ft (914 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-18
RMRM Jumper 0.375 in 5 ft CF1PK	Jumper tube set with 5 ft (1524 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-19
RMRM Jumper 0.5 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-20
RMRM Jumper 0.5 in 3 ft CF1PK	Jumper tube set with 3 ft (914 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-21
RMRM Jumper 0.5 in 5 ft CF1PK	Jumper tube set with 5 ft (1524 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-22
RMRM Jumper 0.75 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-23
RMRM Jumper 0.75 in x 3 ft CF1PK	Jumper tube set with 3 ft (914 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-27
RMRM Jumper 0.75 in 5 ft CF1PK	Jumper tube set with 5 ft (1524 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-28
RMRM Jumper 0.25 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-29
RMRM Jumper 0.25 in 3 ft RS1PK	Jumper tube set with 3 ft (914 mm) of AdvantaPure Reinforced Silicone 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-30
RMRM Jumper 0.25 in 5 ft RS1PK	Jumper tube set with 5 ft (1524 mm) of AdvantaPure Reinforced Silicone 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-31
RMRM Jumper 0.375 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-32
RMRM Jumper 0.375 in 3 ft RS1PK	Jumper tube set with 3 ft (914 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-33
RMRM Jumper 0.375 in 5 ft RS1PK	Jumper tube set with 5 ft (1524 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-34
RMRM Jumper 0.5 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-35
RMRM Jumper 0.5 in 3 ft RS1PK	Jumper tube set with 3 ft (914 mm) of AdvantaPure Reinforced Silicone 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-36
RMRM Jumper 0.5 in 5 ft RS1PK	Jumper tube set with 5 ft (1524 mm) of AdvantaPure Reinforced Silicone 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-37
RMRM Jumper 0.75 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-38
RMRM Jumper 0.75 in 3 ft RS1PK	Jumper tube set with 3 ft (914 mm) of AdvantaPure Reinforced Silicone 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-42
RMRM Jumper 0.75 in 5 ft RS1PK	Jumper tube set with 5 ft (1524 mm) of AdvantaPure Reinforced Silicone 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-43
RMTC Jumper 0.25 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate to SterilEnz® TC connectors.	12-4101-44
RMTC Jumper 0.375 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate to SterilEnz TC connectors.	12-4101-45
RMTC Jumper 0.5 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate to SterilEnz TC connectors.	12-4101-47
RMTC Jumper 0.75 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate to SterilEnz TC connectors.	12-4101-48
RMTC Jumper 0.25 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.25 in (6 mm) i.d. tubing terminating with ReadyMate to SterilEnz TC connectors.	12-4101-49
RMTC Jumper 0.375 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate to SterilEnz TC connectors.	12-4101-50
RMTC Jumper 0.5 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.5 in (13 mm) i.d. tubing terminating with ReadyMate to SterilEnz TC connectors.	12-4101-51
RMTC Jumper 0.75 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.75 in (19 mm) i.d. tubing terminating with ReadyMate to SterilEnz TC connectors.	12-4101-52

Description	Expanded description	Code number
RMSTCM Jump 0.375 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate to Steam-Thru TC connector connectors.	12-4101-97
RMSTCM Jump 0.5 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate to Steam-Thru TC connector connectors.	12-4101-98
RMSTC1 Jump 0.375 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate to Steam-Thru TC connector connectors.	12-4101-99
RMSTC1 Jump 0.5 in 1 ft CF1PK	Jumper tube set with 1 ft (305 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate to Steam-Thru TC connector connectors.	12-4102-00
RMSTCM Jump 0.375 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate to Steam-Thru TC connector connectors.	12-4102-01
RMSTCM Jump 0.5 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.5 in (13 mm) i.d. tubing terminating with ReadyMate to Steam-Thru TC connector connectors.	12-4102-02
RMSTC1 Jump 0.375 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate to Steam-Thru TC connector connectors.	12-4102-03
RMSTC1 Jump 0.5 in 1 ft RS1PK	Jumper tube set with 1 ft (305 mm) of AdvantaPure Reinforced Silicone 0.5 in (13 mm) i.d. tubing terminating with ReadyMate to Steam-Thru TC connector connectors.	12-4102-04

Jumper, T manifold tube assemblies

3RMT Jumper 0.25 in 6 in CF1PK	Jumper T manifold with three ports of 6 in (152 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-63
3RMT Jumper 0.375 in 6 in CF1PK	Jumper T manifold with three ports of 6 in (152 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-64
3RMT Jumper 0.5 in 6 in CF1PK	Jumper T manifold with three ports of 6 in (152 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-66
3RMT Jumper 0.75 in 6 in CF1PK	Jumper T manifold with three ports of 6 in (152 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-67
3RMT Jumper 0.25 in 6 in RS1PK	Jumper T manifold with three ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-68
3RMT Jumper 0.375 in 6 in RS1PK	Jumper T manifold with three ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-69
3RMT Jumper 0.5 in 6 in RS1PK	Jumper T manifold with three ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-71
3RMT Jumper 0.75 in 6 in RS1PK	Jumper T manifold with three ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-72
4RMT Jumper 0.25 in 6 in CF1PK	Jumper T manifold with four ports of 6 in (152 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-73
4RMT Jumper 0.375 in 6 in CF1PK	Jumper T manifold with four ports of 6 in (152 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-74
4RMT Jumper 0.5 in 6 in CF1PK	Jumper T manifold with four ports of 6 in (152 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-75
4RMT Jumper 0.75 in 6 in CF1PK	Jumper T manifold with four ports of 6 in (152 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-76
4RMT Jumper 0.25 in 6 in RS1PK	Jumper T manifold with four ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-77
4RMT Jumper 0.375 in 6 in RS1PK	Jumper T manifold with four ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-78
4RMT Jumper 0.5 in 6 in RS1PK	Jumper T manifold with four ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-79
4RMT Jumper 0.75 in 6 in RS1PK	Jumper T manifold with four ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-80
6RMT Jumper 0.25 in 6 in CF1PK	Jumper T manifold with six ports of 6 in (152 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-81
6RMT Jumper 0.375 in 6 in CF1PK	Jumper T manifold with six ports of 6 in (152 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-82
6RMT Jumper 0.5 in 6 in CF1PK	Jumper T manifold with six ports of 6 in (152 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-83
6RMT Jumper 0.75 in 6 in CF1PK	Jumper T manifold with six ports of 6 in (152 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-84
6RMT Jumper 0.25 in 6 in RS1PK	Jumper T manifold with six ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-85
6RMT Jumper 0.375 in 6 in RS1PK	Jumper T manifold with six ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-86
6RMT Jumper 0.5 in 6 in RS1PK	Jumper T manifold with six ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-87
6RMT Jumper 0.75 in 6 in RS1PK	Jumper T manifold with six ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-88

Description	Expanded description	Code number
Jumper, Y manifold tube assemblies		
3RMY Jumper 0.25 in 6 in CF1PK	Jumper Y manifold with three ports of 6 in (152 mm) of C-Flex 374 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-89
3RMY Jumper 0.375 in 6 in CF1PK	Jumper Y manifold with three ports of 6 in (152 mm) of C-Flex 374 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-90
3RMY Jumper 0.5 in 6 in CF1PK	Jumper Y manifold with three ports of 6 in (152 mm) of C-Flex 374 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-91
3RMY Jumper 0.75 in 6 in CF1PK	Jumper Y manifold with three ports of 6 in (152 mm) of C-Flex 374 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-92
3RMY Jumper 0.25 in 6 in RS1PK	Jumper Y manifold with three ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.25 in (6 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-93
3RMY Jumper 0.375 in 6 in RS1PK	Jumper Y manifold with three ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-94
3RMY Jumper 0.5 in 6 in RS1PK	Jumper Y manifold with three ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.5 in (13 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-95
3RMY Jumper 0.75 in 6 in RS1PK	Jumper Y manifold with three ports of 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.75 in (19 mm) i.d. tubing terminating with ReadyMate DAC.	12-4101-96
Jumper, pump tube set assemblies		
PSIL Jumper 0.25 in i.d. .437 in OD	Jumper tube set with 19 in (483 mm) of Pumpsil 0.25 in (6 mm) 0.437 i.d. tubing terminating with ReadyMate DAC. Tubing size: 24. Recommended Pump: Watson-Marlow™ series 520.	28-9794-70
PSIL Jumper 0.375 in i.d. .563 in OD	Jumper tube set with 19 in (483 mm) of Pumpsil 0.375 in (10 mm) 0.563 i.d. tubing terminating with ReadyMate DAC. Tubing size: 122 Recommended Pump: Watson-Marlow series 520.	28-9794-32
PSIL Jumper 0.375 in i.d. .625 in OD	Jumper tube set with 22 in (559 mm) of Pumpsil 0.375 in (10 mm) 0.625 i.d. tubing terminating with ReadyMate DAC. Tubing size: 73 Recommended Pump: Watson-Marlow series 620 .	28-9794-34
PSIL Jumper 0.5 in i.d. .75 in OD	Jumper tube set with 22 in (559 mm) of Pumpsil 0.5 in (13 mm) 0.75 i.d. tubing terminating with ReadyMate DAC. Tubing size: 82 Recommended Pump: Watson-Marlow series 620.	28-9794-36
PSIL Jumper 0.5 in i.d. .875 in OD	Jumper tube set with 24 in (610 mm) of Pumpsil 0.5 in (13 mm) 0.875 i.d. tubing terminating with ReadyMate DAC. Tubing size: 88 Recommended Pump: Watson-Marlow series 720.	28-9794-37
PSIL Jumper 0.75 in i.d. 1.125 in OD	Jumper tube set with 24 in (610 mm) of Pumpsil 0.75 in (19 mm) 1.125 i.d. tubing terminating with ReadyMate DAC. Tubing size: 191 Recommended Pump: Watson-Marlow series 720 .	28-9794-38
Sensor assemblies		
Pres sens 0.375 in 6 in RSRM 1PK	Sensor assembly with a Scilog pressure sensor and 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	28-9794-71
Temp sens 0.375 in 6 in RSRM	Sensor assembly with a Scilog temperature sensor and 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	28-9794-39
Cond sens 0.375 in 6 in RSRM 1PK	Sensor assembly with a Scilog conductivity sensor and 6 in (152 mm) of AdvantaPure Reinforced Silicone 0.375 in (10 mm) i.d. tubing terminating with ReadyMate DAC.	28-9794-40
Pres sens 0.75 in TCRM 1PK	Sensor assembly with a Scilog pressure sensor terminating with ReadyMate DAC.	12-4102-33
Temp sens 0.75 in TCRM 1PK	Sensor assembly with a Scilog temperature sensor terminating with ReadyMate DAC.	12-4102-38
Cond sens 0.75 in TCRM 1PK	Sensor assembly with a Scilog conductivity sensor terminating with ReadyMate DAC.	12-4102-43
Normal flow filter capsule assemblies		
1MR9102 2×0.5 FT CF RM	ULTA Pure MR 0.1 µm 2 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	29-0962-39
1MR9104 2×0.5 FT CF RM	ULTA Pure MR 0.1 µm 4 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	29-0967-72
1MR91H1 2× RM	ULTA Pure MR 0.1 µm 5 in capsule filter terminating with ReadyMate DAC.	29-0967-85
1MR9106 2×0.5 FT CF RM	ULTA Pure MR 0.1 µm 6 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	29-0967-94
1MR9110 2× RM	ULTA Pure MR 0.1 µm 10 in capsule filter terminating with ReadyMate DAC.	29-0967-98
1MR9120 2× RM	ULTA Pure MR 0.1 µm 20 in capsule filter terminating with ReadyMate DAC.	29-0968-02
1MR9130 2× RM	ULTA Pure MR 0.1 µm 30 in capsule filter terminating with ReadyMate DAC.	29-0968-05
1XCG9202 2 0.5 ft CF RM	ULTA Prime CG 0.2 µm 2 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-58
1XCG9204 2 0.5 ft CF RM	ULTA Prime CG 0.2 µm 4 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-59
1XCG92H1 2 RM	ULTA Prime CG 0.2 µm 5 in capsule filter terminating with ReadyMate DAC.	12-4100-60
1XCG9206 2 0.5 ft CF RM	ULTA Prime CG 0.2 µm 6 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-61
1XCG9210 2 RM	ULTA Prime CG 0.2 µm 10 in capsule filter terminating with ReadyMate DAC.	12-4100-62
1XCG9220 2 RM	ULTA Prime CG 0.2 µm 20 in capsule filter terminating with ReadyMate DAC.	12-4100-63

Description	Expanded description	Code number
1XCG9230 2 RM	ULTA Prime CG 0.2 µm 30 in capsule filter terminating with ReadyMate DAC.	12-4100-64
1XGF9602 2 0.5 ft CF RM	ULTA Prime GF 0.6 µm 2 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-65
1XGF9604 2 0.5 ft CF RM	ULTA Prime GF 0.6 µm 4 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-66
1XGF96H1 2 RM	ULTA Prime GF 0.6 µm 5 in capsule filter terminating with ReadyMate DAC.	12-4100-67
1XGF9606 2 0.5 ft CF RM	ULTA Prime GF 0.6 µm 6 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-68
1XGF9610 2 RM	ULTA Prime GF 0.6 µm 10 in capsule filter terminating with ReadyMate DAC.	12-4100-69
1XGF9620 2 RM	ULTA Prime GF 0.6 µm 20 in capsule filter terminating with ReadyMate DAC.	12-4100-70
1XGF9630 2 RM	ULTA Prime GF 0.6 µm 30 in capsule filter terminating with ReadyMate DAC.	12-4100-71
1XGF0102 2 0.5 ft CF RM	ULTA Prime GF 1 µm 2 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-72
1XGF0104 2 0.5 ft CF RM	ULTA Prime GF 1 µm 4 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-73
1XGF0106 2 0.5 ft CF RM	ULTA Prime GF 1 µm 5 in capsule filter and of tubing terminating with ReadyMate DAC.	12-4100-74
1XGF01H1 2 RM	ULTA Prime GF 1 µm 6 in capsule filter terminating with ReadyMate DAC.	12-4100-75
1XGF0110 2 RM	ULTA Prime GF 1 µm 10 in capsule filter terminating with ReadyMate DAC.	12-4100-76
1XGF0120 2 RM	ULTA Prime GF 1 µm 20 in capsule filter terminating with ReadyMate DAC.	12-4100-77
1XGF0130 2 RM	ULTA Prime GF 1 µm 30 in capsule filter terminating with ReadyMate DAC.	12-4100-78
1XGF0202 2 0.5 ft CF RM	ULTA Prime GF 2 µm 2 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-79
1XGF0204 2 0.5 ft CF RM	ULTA Prime GF 2 µm 4 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-80
1XGF0206 2 0.5 ft CF RM	ULTA Prime GF 2 µm 5 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-81
1XGF02H1 2 RM	ULTA Prime GF 2 µm 6 in capsule filter terminating with ReadyMate DAC.	12-4100-82
1XGF0210 2 RM	ULTA Prime GF 2 µm 10 in capsule filter terminating with ReadyMate DAC.	12-4100-83
1XGF0220 2 RM	ULTA Prime GF 2 µm 20 in capsule filter terminating with ReadyMate DAC.	12-4100-84
1XGF0230 2 RM	ULTA Prime GF 2 µm 30 in capsule filter terminating with ReadyMate DAC.	12-4100-85
1XGF0502 2 0.5 ft CF RM	ULTA Prime GF 5 µm 2 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-86
1XGF0504 2 0.5 ft CF RM	ULTA Prime GF 5 µm 4 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-87
1XGF05H1 2 RM	ULTA Prime GF 5 µm 5 in capsule filter terminating with ReadyMate DAC.	12-4100-88
1XGF0506 2 0.5 ft CF RM	ULTA Prime GF 5 µm 6 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-89
1XGF0510 2 RM	ULTA Prime GF 5 µm 10 in capsule filter terminating with ReadyMate DAC.	12-4100-90
1XGF0520 2 RM	ULTA Prime GF 5 µm 20 in capsule filter terminating with ReadyMate DAC.	12-4100-91
1XGF0530 2 RM	ULTA Prime GF 5 µm 30 in capsule filter terminating with ReadyMate DAC.	12-4100-92
1XHC9202 2 0.5 ft CF RM	ULTA Pure HC 0.6/0.2 µm 2 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-93
1XHC9204 2 0.5 ft CF RM	ULTA Pure HC 0.6/0.2 µm 4 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-94
1XHC92H1 2 RM	ULTA Pure HC 0.6/0.2 µm 5 in capsule filter terminating with ReadyMate DAC.	12-4100-95
1XHC9206 2 0.5 ft CF RM	ULTA Pure HC 0.6/0.2 µm 6 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4100-96
1XHC9210 2 RM	ULTA Pure HC 0.6/0.2 µm 10 in capsule filter terminating with ReadyMate DAC.	12-4100-97
1XHC9220 2 RM	ULTA Pure HC 0.6/0.2 µm 20 in capsule filter terminating with ReadyMate DAC.	12-4100-98
1XHC9230 2 RM	ULTA Pure HC 0.6/0.2 µm 30 in capsule filter terminating with ReadyMate DAC.	12-4100-99
1XSG9202 2 0.5 ft CF RM	ULTA Pure SG 0.2 µm 2 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4101-00
1XSG9204 2 0.5 ft CF RM	ULTA Pure SG 0.2 µm 4 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4101-01
1SG92H1 2 RM	ULTA Pure SG 0.2 µm 5 in capsule filter terminating with ReadyMate DAC.	12-4101-02
1XSG9206 2 0.5 ft CF RM	ULTA Pure SG 0.2 µm 6 in capsule filter and 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4101-03

Description	Expanded description	Code number
1XSG9210 2 RM	ULTA Pure SG 0.2 µm 10 in capsule filter terminating with ReadyMate DAC.	12-4101-04
1XSG9220 2 RM	ULTA Pure SG 0.2 µm 20 in capsule filter terminating with ReadyMate DAC.	12-4101-05
1XSG9230 2 RM	ULTA Pure SG 0.2 µm 30 in capsule filter terminating with ReadyMate DAC.	12-4101-06
1xGF0502 1xCG9202 2 0.5ft C RM	ULTA Prime GF 5 µm 2 in capsule filter and ULTA Prime CG 0.2 µm 2 in capsule filter with 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4102-45
1xGF05H1 1xCG9206 1 0.5ft C RM	ULTA Prime GF 5 µm 5 in capsule filter and ULTA Prime CG 0.2 µm 6 in capsule filter with 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4102-46
1xGF0510 1xCG92H1 2 RM	ULTA Prime GF 5 µm 10 in capsule filter and ULTA Prime CG 0.2 µm 5 in capsule filter terminating with ReadyMate DAC.	12-4102-47
1xGF0520 1xCG9210 2 RM	ULTA Prime GF 5 µm 20 in capsule filter and ULTA Prime CG 0.2 µm 10 in capsule filter terminating with ReadyMate DAC.	12-4102-48
1xGF0502 1xHC9202 2 0.5ft C RM	ULTA Prime GF 5 µm 2 in capsule filter and ULTA Pure HC 0.6/0.2 µm 2 in capsule filter with 6 in (152mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4102-51
1xGF05H1 1xHC9206 1 0.5ft C RM	ULTA Prime GF 5 µm 5 in capsule filter and ULTA Pure HC 0.6/0.2 µm 6 in capsule filter with 6 in (152 mm) of C-Flex 374 tubing terminating with ReadyMate DAC.	12-4102-52
1xGF0510 1xHC92H1 2 RM	ULTA Prime GF 5 µm 10 in capsule filter and ULTA Pure HC 0.6/0.2 µm 5 in capsule filter terminating with ReadyMate DAC.	12-4102-53
1xGF0520 1xHC9210 2 RM	ULTA Prime GF 5 µm 20 in capsule filter and ULTA Pure HC 0.6/0.2 µm 10 in capsule filter terminating with ReadyMate DAC.	12-4102-54

ReadyToProcess CFF hollow fiber filters

RTPCFP-1-E-3MS	Sterile ReadyToProcess hollow fiber cartridge with a 0.1 micron, 1 mm i.d. microfiltration membrane, in a size 3M housing (30 cm path length, 110 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-00
RTPCFP-2-E-3MS	Sterile ReadyToProcess hollow fiber cartridge with a 0.2 micron, 1 mm i.d. microfiltration membrane, in a size 3M housing (30 cm path length, 110 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-01
RTPCFP-4-E-3MS	Sterile ReadyToProcess hollow fiber cartridge with a 0.45 micron, 1 mm i.d. microfiltration membrane, in a size 3M housing (30 cm path length, 110 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-02
RTPCFP-6-D-3MS	Sterile ReadyToProcess hollow fiber cartridge with a 0.65 micron, 0.75 mm i.d. microfiltration membrane, in a size 3M housing (30 cm path length, 120 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-03
RTPUFP-10-C-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a M _r 10 000, 0.5 mm i.d. ultrafiltration membrane, in a size 3X2M housing (60 cm path length, 290 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-04
RTPUFP-30-C-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a M _r 30 000, 0.5 mm i.d. ultrafiltration membrane, in a size 3X2M housing (60 cm path length, 290 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-05
RTPUFP-50-C-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a M _r 50 000, 0.5 mm i.d. ultrafiltration membrane, in a size 3X2M housing (60 cm path length, 290 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-06
RTPUFP-100-C-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a M _r 100 000, 0.5 mm i.d. ultrafiltration membrane, in a size 3X2M housing (60 cm path length, 290 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-07
RTPUFP-300-C-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a M _r 300 000, 0.5 mm i.d. ultrafiltration membrane, in a size 3X2M housing (60 cm path length, 290 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-08
RTPUFP-500-C-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a M _r 500 000, 0.5 mm i.d. ultrafiltration membrane, in a size 3X2M housing (60 cm path length, 290 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-09
RTPUFP-750-C-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a M _r 750 000, 0.5 mm i.d. ultrafiltration membrane, in a size 3X2M housing (60 cm path length, 290 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	29-0236-33
RTPUFP-750-E-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a M _r 750 000, 1 mm i.d. ultrafiltration membrane, in a size 3X2M housing (60 cm path length, 230 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-10
RTPCFP-1-E-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a 0.1 micron, 1 mm i.d. microfiltration membrane, in a size 3X2M housing (60 cm path length, 230 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-11
RTPCFP-2-E-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a 0.2 micron, 1 mm i.d. microfiltration membrane, in a size 3X2M housing (60 cm path length, 230 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-12
RTPCFP-4-E-3X2MS	Sterile ReadyToProcess hollow fiber cartridge with a 0.4 micron, 1 mm i.d. microfiltration membrane, in a size 3X2M housing (60 cm path length, 230 cm ² surface area), with C-Flex tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-13

Description	Expanded description	Code number
RTPUFP-750-E-5S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 750 000, 1 mm i.d. ultrafiltration membrane, in a size 5 housing (30 cm path length, 1200 cm ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-80
RTPUFP-10-C-8S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 10 000, 0.5 mm i.d. ultrafiltration membrane, in a size 8 housing (30 cm path length, 5300 cm ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-81
RTPUFP-30-C-8S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 30 000, 0.5 mm i.d. ultrafiltration membrane, in a size 8 housing (30 cm path length, 5300 cm ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-82
RTPUFP-50-C-8S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 500 000, 0.5 mm i.d. ultrafiltration membrane, in a size 8 housing (30 cm path length, 5300 cm ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-83
RTPUFP-100-C-8S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 100 000, 0.5 mm i.d. ultrafiltration membrane, in a size 8 housing (30 cm path length, 5300 cm ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-84
RTPUFP-300-C-8S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 300 000, 0.5 mm i.d. ultrafiltration membrane, in a size 8 housing (30 cm path length, 5300 cm ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-85
RTPUFP-500-C-8S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 500 000, 0.5 mm i.d. ultrafiltration membrane, in a size 8 housing (30 cm path length, 5300 cm ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-86
RTPUFP-750-C-8S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 750 000, 0.5 mm i.d. ultrafiltration membrane, in a size 8 housing (30 cm path length, 5300 cm ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	29-0191-93
RTPUFP-750-E-8S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 750 000, 1 mm i.d. ultrafiltration membrane, in a size 8 housing (30 cm path length, 3600 cm ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-87
RTPCFP-6-D-35S	Sterile ReadyToProcess hollow fiber cartridge with a 0.65 micron, 0.75 mm i.d. microfiltration membrane, in a size 35 housing (30 cm path length, 1 m ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-88
RTPUFP-500-C-35S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 500 000, 0.5 mm i.d. ultrafiltration membrane, in a size 35 housing (30 cm path length, 1.35 m ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-89
RTPUFP-750-C-35S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 750 000, 0.5 mm i.d. ultrafiltration membrane, in a size 35 housing (30 cm path length, 1.35 m ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	29-0193-49
RTPCFP-6-D-55S	Sterile ReadyToProcess hollow fiber cartridge with a 0.65 micron, 0.75 mm i.d. microfiltration membrane, in a size 55 housing (60 cm path length, 2.5 m ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-90
RTPUFP-500-C-55S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 500 000, 0.5 mm i.d. ultrafiltration membrane, in a size 55 housing (60 cm path length, 3.25 m ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	39-0000-91
RTPUFP-750-C-55S	Sterile ReadyToProcess hollow fiber cartridge with a M _r 750 000, 0.5 mm i.d. ultrafiltration membrane, in a size 55 housing (60 cm path length, 3.25 m ² surface area), with AdvantaPure tubing on the permeate ports and ReadyMate DAC on the feed, retentate and permeate ports.	29-0193-52

Related literature

Data files	Code number
ReadyCircuit bags and tubing assemblies	28-9606-44
ReadyKart mobile processing station	28-9606-48
ReadyToProcess hollow fiber cartridges	28-9798-79
ReadyToProcess ULTA normal flow filter capsules	28-9257-93
ReadyMate Disposable Aseptic Connectors	28-9379-02

Operating Manual

ReadyCircuit bags, tubing assemblies, and filters	28-9606-46
ReadyKart mobile processing station	28-9606-47
ReadyToProcess hollow fiber cartridges	28-9226-84
ReadyToProcess ULTA normal flow filter capsules	28-9608-22
ReadyMate Disposable Aseptic Connectors	28-9385-70
ReadyClamp	28-9406-20
ReadyToProcess Bins	29-0041-17

Quick reference guides

ReadyCircuit components	28-9750-67
ReadyKart mobile processing station	28-9750-72
ReadyToProcess CFF cartridge	28-9776-40

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