



ART[®] Barrier Tips Reload System

The green alternative to barrier tip packaging



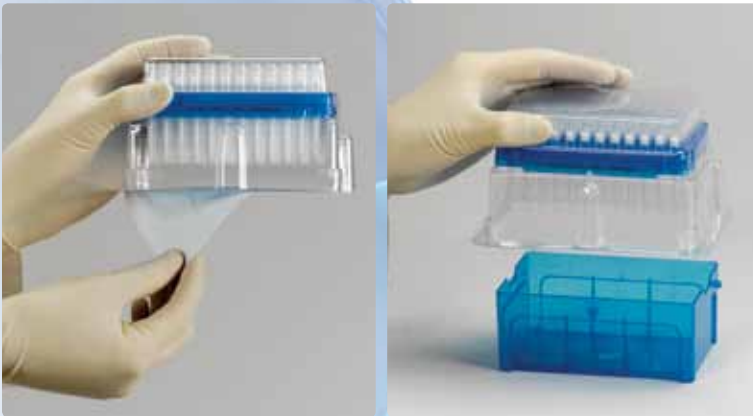
100% protection against carry-over contamination

Compact Design and Easy Operation

Now available in environmentally friendly packaging, the ART Barrier Tips use our self-sealing barrier that traps contaminating aerosols and liquids. Ordinary filters are made from porous materials and rely on pore size to block possible contaminants.

This sterile, barrier tip reload system combines individually packaged blister tubs made of recycled plastic and new hinged racks. The push down blister tub easily inserts the ART barrier tips into the hinged racks providing stackable space-saving racks that offer easy, one-handed use. Empty hinged rack part numbers allow for easy conversion to the ART Reload System.

Leading scientists choose ART barrier tips as the primary defense against cross-contamination in the laboratory, safeguarding their most sensitive work. The ART self-sealing barrier pipette tip seals when exposed to potential aerosol and liquid contaminants, trapping them inside the barrier, providing the ultimate in contamination protection. Manufactured according to the industry's highest quality standards, ART tips are certified as RNase, DNase and Pyrogen free, and are ideal for the pipetting of radioactive samples, nucleic amplification procedures, or any applications where critical sample handling is required.

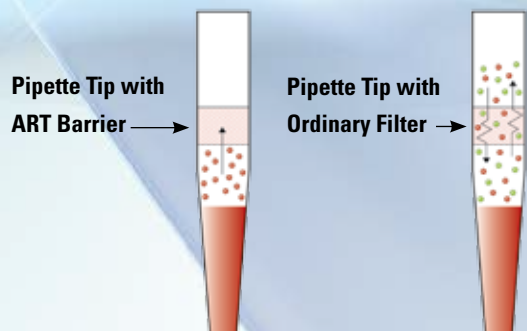


ART® Reload System Steps

1. Hold the top of the blister tub and peel the paper on the bottom of the tub.
2. Align the blister tub with the hinged rack.
3. Push down directly, locking the blister tub into the hinged rack.

The Difference Between ART Barrier and Ordinary Filter Tips.

The diagram shows the difference between ART self-sealing barrier tips and ordinary filter tips. The ART barrier prevents cross-contamination while contaminants pass freely through ordinary filters.



Clean Claims

ART tips are certified as RNase, DNase, and Pyrogen free.

Environmentally friendly

Space saving design









New hinged covers

Efficient reloading

ART Reload System Barrier Tips

Tip Volume	Cat. No.	Packaging	Unit Packaging
ART 10, 10 µl	2139-RI 2139-05-RI 2139-HR 2139-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 10 trays/pack
ART 10 REACH, 10 µl	2140-RI 2140-05-RI 2140-HR 2140-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 10 trays/pack
ART 20E, 10 µl	2149E-RI 2149E-05-RI 2149E-HR 2149E-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 10 trays/pack
ART 20P, 20 µl	2149P-RI 2149P-05-RI 2149P-HR 2149P-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 10 trays/pack
ART 100, 100 µl	2065-RI 2065-HR	Reload Insert Hinged Rack	96 tips/tray, 10 trays/pack
ART 100E, 100 µl	2065E-RI 2065E-05-RI 2065E-HR 2065E-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 10 trays/pack
ART 200, 200 µl	2069-RI 2069-05-RI 2069-HR 2069-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 10 trays/pack
ART 1000XL, 1000 µl	2179-RI 2179-05-RI 2179-HR 2179-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 8 trays/pack
	2004-ER	Empty Reload Rack, Insert not included.	
	2006-ER	Empty Reload Rack, Insert not included.	
	2008-ER	Empty Reload Rack, Insert not included.	



Pipette Compatibility (Description)	Pipette Compatibility (Volume)	Description
Pipetman P-2 Pipetman P-10 Nichiryo/BenchMate Biohit Electronic Biohit Variable/Multichannel Finnpipette 4500 Digital Finnpipette 4500 Digital (Micro)	0.1-2 µl 0.5-10 µl 0.5-10 µl 0.2-10 µl 0.5-10 µl 0.2-2 µl 0.5-10 µl	 ART 10, 10 µl Pipette Tip w/ART Barrier MicroPoint™ Design, Pre-sterilized
Pipetman P-2 Pipetman P-10 Nichiryo/BenchMate Rainin EDP-Series 10 Biohit Variable/Multichannel Finnpipette 4500 Digital Finnpipette 4500 Digital (Micro) Biohit Electronic Biohit Variable/Multichannel Eppendorf 2000/4910 (Reference) Eppendorf 2100/4900 (Reference)	0.1-2 µl 0.5-10 µl 0.5-10 µl 0.5-10 µl 0.5-10 µl 0.2-2 µl 0.5-10 µl 0.2-10 µl 0.5-10 µl 0.1-2.5 µl 0.1-2.5 µl	 ART 10 REACH, 10 µl Extended Length Tip w/ART Barrier, Pre-sterilized
Eppendorf 2000/4910 (Reference) Eppendorf 2100/4900 (Reference) Eppendorf 4810 (Autoclavable) Brinkman Transferpette Multichannel Nichiryo/BenchMate Socorex/Wheaton 822 Series Socorex/Wheaton 822 Series	0.1-2.5 µl 0.1-2.5 µl 0.5-10 µl 0.5-10 µl 0.5-10 µl 0.4-2 µl 1-10 µl	 ART 20E, 10 µl Ultra-Micro Tip, Pre-sterilized
Pipetman P-20 Socorex/Wheaton 822 Series Rainin EDP-Series 25 and compatible pipettes	2-20 µl 2-20 µl 2.5-25 µl	 ART 20P, 20 µl Pipette Tip w/ART Barrier, Pre-sterilized
Finnpipette 4027/4500 Digital Finnpipette Multichannel Nichiryo/BenchMate Multichannel Nichiryo/BenchMate Rainin EDP-Series 100 Socorex/Wheaton 822 Series	5-40 µl 5-50 µl 5-50 µl 10-50 µl 10-100 µl 10-100 µl	 ART 100, 100 µl Pipette Tip w/ART Barrier, Pre-sterilized
Pipetman P-100 Eppendorf 4810 (Autoclavable) Eppendorf 2000/4910 (Reference) Eppendorf 2100/4900 (Reference) Rainin EDP-Series 100 and compatible pipettes	10-100 µl 10-100 µl 10-100 µl 10-100 µl 10-100 µl 10-100 µl	 ART 100E, 100 µl Pipette Tip w/ART Barrier MicroPoint Design, Pre-sterilized
Pipetman P-200 Eppendorf 4027/4500 Digital Eppendorf 2000/4910 (Reference) Eppendorf 2100/4900 (Reference) Nichiryo/BenchMate Multichannel Nichiryo/BenchMate	50-200 µl 40-200 µl 50-200 µl 20-200 µl 40-200 µl 20-200 µl	 ART 200, 200 µl Pipette Tip w/ART Barrier, Pre-sterilized
Thermo Scientific Finn timer Digital Thermo Scientific Finn timer Digital Biohit mLINE Eppendorf Research PhysioCare Gilson Pipetman	100-1000 µl 200-1000 µl 100-1000 µl 100-1000 µl 100-1000 µl	 ART 1000 XL, 1000 µl Pipette Tip w/ART Barrier, Pre-sterilized
		ART Empty Hinged Racks, Small, Pre-sterilized
		ART Empty Hinged Racks, Medium, Pre-sterilized
		ART Empty Hinged Racks, Large, Pre-sterilized

ART Reload System Features and Benefits



Flip Lock Latch allows for one-handed open and closing ability and will not pop open when dropped.



Lid Lip prevents racks from sliding around when stacked and carted around a lab.



Reversible Lid can be reversed to act as a lift-off lid and the hinged lid will not interfere while pipetting.



Fit Flush inserts are flush with rack to allow easy multichannel pipetting.



Click Clip tongue and groove format stabilizes insert from falling out and prevents the corners to not lift when pipetting.



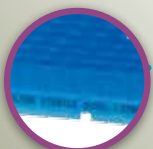
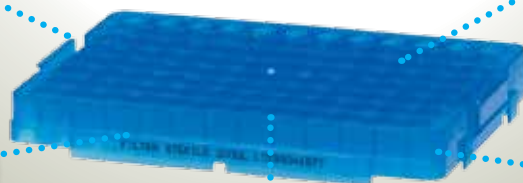
Recycle Logo is molded onto all rack components, which allows recycling companies to properly recycle the plastics.



Ergo Clip height makes the insert easy to grab without touching the tips with your hand.



Multichannel Design is formatted for all inserts in the 96-well multichannel format.



Ink Jet part numbers and lot numbers are printed on all inserts for product traceability and effortless reordering.





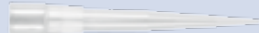

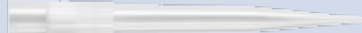
Robust Insert prevents flexing and bowing, provides secure seating of the pipette, and is great for multichannel pipetting.



Recessed Holes stabilizes tips for multichannel work.

Sofffit L Reload™ System with ART Barrier Tips

Designed to be compatible with LTS® pipettes made by Rainin Instruments, LLC, the Molecular BioProducts Sofffit L Reload System provides ART barrier pipette tips in color-coded inserts by volume size. Choose from five pipette tip volume sizes with the option of our low retention technology. Each individual insert within the Sofffit L Reload System is clearly identified with both product number and lot number, allowing researchers to enjoy the space-saving and environmental benefits of a reload tip system without losing product traceability.

Tip Volume	Cat. No.	Packaging	Unit Packaging	Pipette Compatibility (Description)	Pipette Compatibility (Volume)	Description
ART 20L, 20 µl	2749-RI 2749-05-RI 2749-HR 2749-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 10 inserts/pack, 96 tips/tray, 10 inserts/pack, 96 tips/tray, 10 inserts/pack 96 tips/tray, 10 inserts/pack	Pipet-Lite w/LTS Pipet-Lite w/LTS Multichannel Pipet Plus w/LTS EDP3 w/LTS EDP3 w/LTS Multichannel	0.1-2 µl/0.5-10 µl/10-100 µl/100-1000 µl 20-200 µl 0.50-10 µl/2-20 µl/10-100 µl/100-1000 µl 0.5-10 µl/2-20 µl/10-100 µl/20-200 µl 2-20 µl/20-200 µl	 ART 20L Pipette Tip w/ART Barrier, Pre-sterilized
ART 200L, 200 µl	2769-RI 2769-05-RI 2769-HR 2769-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 10 inserts/pack, 96 tips/tray, 10 inserts/pack, 96 tips/tray, 10 inserts/pack 96 tips/tray, 10 inserts/pack	Pipet-Lite w/LTS L-100 Pipet-Lite w/LTS L-200 Pipet-Plus x/LTS RL-100 Pipet-Plus x/LTS RL-200 EDP3 w/LTS E-3 100 EDP3 w/LTS E-3 200 Multichannel	10-100 µl 20-200 µl 10-100 µl 20-200 µl 10-100 µl 20-200 µl	 ART 200L Pipette Tip w/ART Barrier, Pre-sterilized
ART 300L, 300 µl	2739-RI 2739-05-RI 2739-HR 2739-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 10 inserts/pack, 96 tips/tray, 10 inserts/pack, 96 tips/tray, 10 inserts/pack 96 tips/tray, 10 inserts/pack	Rainin LTS 300L	300 µl	 ART 300L Pipette Tip w/ART Barrier, Pre-sterilized
ART 1000L, 1000 µl	2779-RI 2779-05-RI 2779-HR 2779-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 8 inserts/pack, 96 tips/tray, 8 inserts/pack, 96 tips/tray, 8 inserts/pack 96 tips/tray, 8 inserts/pack	Pipet-Lite w/LTS L-1000 Pipet-Plus w/LTS RL-1000 EDP3 E3-1000	100-1000 µl 100-1000 µl 100-1000 µl	 ART 1000L Pipette Tip w/ART Barrier, Pre-sterilized
ART 1200L, 1200 µl	2789-RI 2789-05-RI 2789-HR 2789-05-HR	Reload Insert Reload Insert Low Retention Hinged Rack Hinged Rack Low Retention	96 tips/tray, 8 inserts/pack, 96 tips/tray, 8 inserts/pack, 96 tips/tray, 8 inserts/pack 96 tips/tray, 8 inserts/pack	Rainin LTS 1200L	1200 µl	 ART 1200L Pipette Tip w/ART Barrier, Pre-sterilized



To place an order please email us at mbp.info@thermofisher.com or contact our customer service representatives at 800.995.2787, and for more information on ART tips, go to www.mbpinc.com.

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Rev B

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