

# Thermo Scientific ART Pipette Tips

Now offering a broad selection of barrier, non-filter and specialty tips to fit virtually any pipette in your lab, Thermo Scientific™ ART™ pipette tips provide precise sample delivery across many applications. From raw materials to the finished product, all components of each manufacturing lot are fully traceable and produced in a controlled environment. From 10 µL to 10 ML, every tip is certified to meet the industry's highest standards for molding precision, clarity and sterility.



## Maximum Sample Recovery

### Standard Pipette Tips



Unnecessary sample loss

### ART Pipette Tip with Low Retention Technology



Minimal sample loss = better data

### Universal Fit

These tips are specifically designed and quality tested to meet manufacturing specifications for optimum results when used with virtually any pipette in your laboratory.

### Clean Claims

ART pipette tips are certified Free of RNase, DNase, DNA, ATP, and Pyrogens contamination.

### Ultimate Protection

Researchers have made ART self-sealing barrier tips their first choice in sample protection. The ART barrier seals when exposed to potential aerosol and liquid contaminants, trapping them inside. This provides 100% security from carryover contamination of samples.

### Maximum Sample Recovery

Using advanced low retention technology, the ART low retention tips' hydrophobic inner surface significantly reduces sample loss to adhesion and maximizes sample recovery.

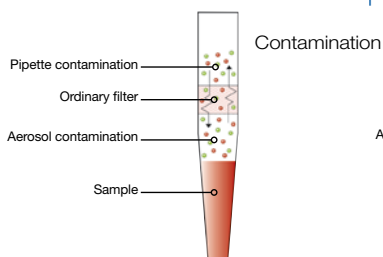
### Environmentally-Friendly

The patented ART barrier and non-filtered reload system provides an environmentally-responsible solution reducing plastic waste by 40% without compromising sterility.

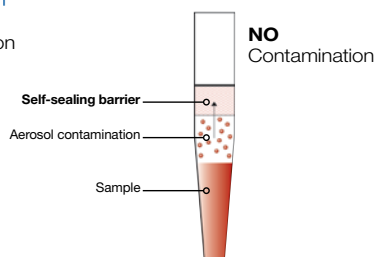


## Ultimate Protection

### Pipette Tip with Generic Filter



### Pipette Tip with ART Barrier



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# Standard Tips

Cat. No.	Description	Packaging	Length (mm)	Tip I.D. (mm)
<b>10 µL</b>				
3502-HR	ART 10, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 10 trays/pack, 5 packs/case	31.3	.016
3501-HR	ART 10, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	31.3	.016
3502-RT*	ART 10, Non-Filtered Tip	Reload, Nonsterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	31.3	.016
3501-RT*	ART 10, Non-Filtered Tip	Reload, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	31.3	.016
3500	ART 10, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag, 10 bags/case	31.3	.016
2139-HR	ART 10, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	31.3	.016
2139-RT*	ART 10, Barrier Tip	Reload, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	31.3	.016
<b>10/20 µL</b>				
3522-HR	ART 20 Ultra-micro, Non-Filtered Tip	Racked, Non-sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	45.7	.018
3521-HR	ART 20 Ultra-micro, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	45.7	.018
3522-RT*	ART 20 Ultra-micro, Non-Filtered Tip	Reload Tower, Non-Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	45.7	.018
3521-RT*	ART 20 Ultra-micro, Non-Filtered Tip	Reload Tower, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	45.7	.018
3520	ART 20 Ultra-micro, Non-Filtered Tip	Bulk, Non-sterile, 1000 tips/bag, 10 bags/case	45.7	.018
2149E-HR	ART 10 Ultra-micro, Barrier Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	45.7	.018
2149-HR	ART 20 Ultra-micro, Barrier Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	45.7	.018
<b>20 µL**</b>				
2149P-HR	ART 20, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	50.7	.022
2149P-RT*	ART 20, Barrier Tip	Reload, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	50.7	.022
<b>200 µL</b>				
3552-HR	ART 200, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 10 trays/pack, 5 packs/case	50.7	.022
3551-HR	ART 200, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	50.7	.022
3552-RT*	ART 200, Non-Filtered Tip	Reload, Nonsterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	50.7	.022
3551-RT*	ART 200, Non-Filtered Tip	Reload, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	50.7	.022
3550	ART 200, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag, 10 bags/case	50.7	.022
2069-HR	ART 200, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	58.8	.021
2069-RT*	ART 200, Barrier Tips	Reload, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	58.8	.021
<b>300 µL</b>				
3772-HR	ART 300, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 10 trays/pack, 5 packs/case	58.4	.018
3771-HR	ART 300, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	58.4	.018
3772-RT*	ART 300, Non-Filtered Tip	Reload, Nonsterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	58.4	.018
3771-RT*	ART 300, Non-Filtered Tip	Reload, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	58.4	.018
3772-B	ART 300, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag, 10 bags/case	58.4	.018
2070-HR	ART 300, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	58.4	.018
2070-RT*	ART 300, Barrier Tip	Reload, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	58.4	.018
<b>1000 µL</b>				
3102-HR	ART 1000, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 8 trays/pack, 4 packs/case	88.9	.032
3101-HR	ART 1000, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	88.9	.032
3102-RT*	ART 1000, Non-Filtered Tip	Reload, Nonsterile, 56 tips/Tray, 10 trays/pack, 5 packs/case	88.9	.032
3101-RT*	ART 1000, Non-Filtered Tip	Reload, Sterile, 56 tips/Tray, 10 trays/pack, 5 packs/case	88.9	.032
3980	ART 1000, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag, 10 bags/case	69.9	.032
2179-HR	ART 1000, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	88.9	.032
2179-RT*	ART 1000, Barrier Tip	Reload, Sterile, 56 tips/Tray, 10 trays/pack, 5 packs/case	88.9	.032

\* Empty Rack required for -RT parts    \*\* 200 µL ART Non-Filtered tips can be used with most 20µL pipettes

## Extended Length Tips

Cat. No.	Description	Packaging	Length (mm)	Tip I.D. (mm)
<b>10 µL</b>				
3512-HR	ART 10 REACH, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 10 trays/pack, 5 packs/case	43.4	.017
3511-HR	ART 10 REACH, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	43.4	.017
3510	ART 10 REACH, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag, 10 bags/case	43.4	.017
2140-HR	ART 10 REACH, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	43.3	.017
<b>200 µL</b>				
3542-HR	ART 200 REACH, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 8 trays/pack, 5 packs/case	90.9	.018
3541-HR	ART 200 REACH, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 8 trays/pack, 5 packs/case	90.9	.018
3540	ART 200 REACH, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag, 10 bags/case	90.9	.018
2160P-HR	ART 200 REACH, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 8 trays/pack, 5 packs/case	90.9	.018
<b>1000 µL</b>				
3792-HR	ART 1000 REACH, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 8 trays/pack, 4 packs/case	118.5	.028
3791-HR	ART 1000 REACH, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	118.5	.028
2079-HR	ART 1000 REACH, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	118.5	.028
<b>1250 µL</b>				
3152-HR	ART 1250 REACH, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 8 trays/pack, 4 packs/case	102.2	.031
3151-HR	ART 1250 REACH, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	102.2	.031
2080-HR	ART 1250 REACH, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	102.2	.031

## Specialty Tips

Cat. No.	Description	Packaging	Length (mm)	Tip I.D. (mm)
<b>10/20 µL Gel</b>				
3651	ART 10 GEL, Non-Filtered Tip	Racked, Nonsterile, 200 tips/tray, 1 trays/pack	76.7	.012
2155P	ART 20 GEL, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack	68.6	.012
<b>100/200 µL Gel</b>				
3621	ART 200 GEL, Non-Filtered Tip	Racked, Nonsterile, 200 tips/tray, 1 trays/pack	82.6	.012
2155	ART 100 GEL, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack	68.6	.012
<b>200 µL Wide Bore</b>				
3701	ART 200 Wide Bore, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 8 trays/pack	91.0	.059
3702	ART 200 Wide Bore, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 8 trays/pack	91.0	.059
3700	ART 200 Wide Bore, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag	91.0	.059
2160G	ART 200 Wide Bore, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 8 trays/pack	91.0	.059
<b>1000 µL Wide Bore</b>				
3591	ART 1000 Wide Bore, Non-Filtered Tip	Racked, Sterile, 100 tips/tray, 8 trays/pack	85.4	.058
3592	ART 1000 Wide Bore, Non-Filtered Tip	Racked, Nonsterile, 100 tips/tray, 8 trays/pack	85.4	.058
3590	ART 1000 Wide Bore, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag	85.4	.058
2079G	ART 1000 Wide Bore, Barrier Tip	Racked, Filtered, Sterile, 100 tips/tray, 8 trays/pack	85.4	.058

# Low Retention Tips - Standard

Cat. No.	Description	Packaging	Length (mm)	Tip I.D. (mm)
<b>10 µL</b>				
3502-05-HR	ART 10 LR, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 10 trays/pack, 5 packs/case	31.3	.016
3501-05-HR	ART 10 LR, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	31.3	.016
3502-05-RT*	ART 10 LR, Non-Filtered Tip	Reload Tower, Nonsterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	31.3	.016
3501-05-RT*	ART 10 LR, Non-Filtered Tip	Reload Tower, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	31.3	.016
3500-05-11	ART 10 LR, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag, 10 bags/case	31.3	.016
2139-05-HR	ART 10 LR, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	31.3	.016
2139-05-RT*	ART 10 LR, Barrier Tip	Reload Tower, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	31.3	.016
<b>10/20 µL</b>				
3522-05-HR	ART 20 Ultra-micro, Non-Filtered Tip	Racked, Non-sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	45.7	.018
3521-05-HR	ART 20 Ultra-micro, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	45.7	.018
3522-05-RT*	ART 20 Ultra-micro, Non-Filtered Tip	Reload Tower, Non-Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	45.7	.018
3521-05-RT*	ART 20 Ultra-micro, Non-Filtered Tip	Reload Tower, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	45.7	.018
3520-05	ART 20 Ultra-micro, Non-Filtered Tip	Bulk, Non-sterile, 1000 tips/bag, 10 bags/case	45.7	.018
2149E-05-HR	ART 10 Ultra-micro, Barrier Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	45.7	.018
2149-05-HR	ART 20 Ultra-micro, Barrier Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	45.7	.018
<b>20 µL**</b>				
2149P-05-HR	ART 20 LR, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	50.7	.022
2149P-05-RT*	ART 20 LR, Barrier Tip	Reload Tower, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	50.7	.022
<b>200 µL</b>				
3552-05-HR	ART 200 LR, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 10 trays/pack, 5 packs/case	50.7	.022
3551-05-HR	ART 200 LR, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	50.7	.022
3552-05-RT*	ART 200 LR, Non-Filtered Tip	Reload Tower, Nonsterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	50.7	.022
3551-05-RT*	ART 200 LR, Non-Filtered Tip	Reload Tower, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	50.7	.022
3550-05	ART 200 LR, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag, 10 bags/case	50.7	.022
2069-05-HR	ART 200 LR, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	58.8	.021
2069-05-RT*	ART 200 LR, Barrier Tip	Reload Tower, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	58.8	.021
<b>300 µL</b>				
3772-05-HR	ART 300 LR, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 10 trays/pack, 5 packs/case	58.4	.018
3771-05-HR	ART 300 LR, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	58.4	.018
3772-05-RT*	ART 300 LR, Non-Filtered Tip	Reload Tower, Nonsterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	58.4	.018
3771-05-RT*	ART 300 LR, Non-Filtered Tip	Reload Tower, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	58.4	.018
3772-05-B	ART 300 LR, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag, 10 bags/case	58.4	.018
2070-05-HR	ART 300 LR, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	58.4	.018
2070-05-RT*	ART 300 LR, Barrier Tip	Reload Tower, Sterile, 96 tips/Tray, 10 trays/pack, 5 packs/case	58.4	.018
<b>1000 µL</b>				
3102-05-HR	ART 1000 LR, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 8 trays/pack, 4 packs/case	88.9	.032
3101-05-HR	ART 1000 LR, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	88.9	.032
3102-05-RT*	ART 1000 LR, Non-Filtered Tip	Reload Tower, Nonsterile, 56 tips/Tray, 10 trays/pack, 5 packs/case	88.9	.032
3101-05-RT*	ART 1000 LR, Non-Filtered Tip	Reload Tower, Sterile, 56 tips/Tray, 10 trays/pack, 5 packs/case	88.9	.032
2179-05-HR	ART 1000 LR, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	88.9	.032
2179-05-RT*	ART 1000 LR, Barrier Tip	Reload Tower, Sterile, 56 tips/Tray, 10 trays/pack, 5 packs/case	88.9	.032

\* Empty Rack required for -RT parts    \*\* 200 µL ART Non-Filtered tips can be used with most 20µL pipettes

# Low Retention – Extended Length Tips

Cat. No.	Description	Packaging	Length (mm)	Tip I.D. (mm)
<b>10 µL</b>				
3512-05-HR	ART 10 REACH LR, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 10 trays/pack, 5 packs/case	43.4	.030
3511-05-HR	ART 10 REACH LR, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	43.4	.030
3510-05	ART 10 REACH LR, Non-Filtered Tip	Bulk, Nonsterile, 1000 tips/bag, 10 bags/case	43.4	.030
2140-05-HR	ART 10 REACH LR, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 10 trays/pack, 5 packs/case	43.3	.030
<b>200 µL</b>				
3542-05-HR	ART 200 REACH LR, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 8 trays/pack, 5 packs/case	90.9	.018
3541-05-HR	ART 200 REACH LR, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 8 trays/pack, 5 packs/case	90.9	.018
2160P-05-HR	ART 200 REACH LR, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 8 trays/pack, 5 packs/case	90.9	.018
<b>1000 µL</b>				
3792-05-HR	ART 1000 REACH LR, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 8 trays/pack, 4 packs/case	118.5	.028
3791-05-HR	ART 1000 REACH LR, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	118.5	.028
2079-05-HR	ART 1000 REACH LR, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	118.5	.028
<b>1250 µL</b>				
3152-05-HR	ART 1250 REACH LR, Non-Filtered Tip	Racked, Nonsterile, 96 tips/tray, 8 trays/pack, 4 packs/case	102.2	.031
3151-05-HR	ART 1250 REACH LR, Non-Filtered Tip	Racked, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	102.2	.031
2080-05-HR	ART 1250 REACH LR, Barrier Tip	Racked, Filtered, Sterile, 96 tips/tray, 8 trays/pack, 4 packs/case	102.2	.031

## Accessories

Cat. No.	Description	Packaging
2004-ER	ART Empty Rack Small (10 µL, 20 µL NF)	Racks, Sterile, 10 racks/pack, 5 packs/case
2006-ER	ART Empty Rack Medium (20 µL B, 200 µL, 300 µL)	Racks, Sterile, 10 racks/pack, 5 packs/case
2008-ER	ART Empty Rack Large (1000 µL)	Racks, Sterile, 8 racks/pack, 4 packs/case
8093-11	Reagent Reservoir 25 mL	Polystyrene, Sterile, 10 bags of 10/case
8094	Reagent Reservoir 25 mL	Polystyrene, Sterile, Individually wrapped, 50/case
8095	Reagent Reservoir 25 mL w/Divider	Polystyrene, Sterile, 10 bags of 10/case
8096-11	Reagent Reservoir 25 mL w/Divider	Polystyrene, Sterile, Individually wrapped, 50/case
8085	Reagent Reservoir 100 mL	Polystyrene, Sterile, 10 bags of 10/case
8086	Reagent Reservoir 100 mL	Polystyrene, Sterile, Individually wrapped, 50/case

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