SHIMADZU
Excellence in Science

SGLC-ETC-036A

# SHIMSEN Pipette Tips

## SHIMSEN Extended-Length Pipette Tips

The SHIMSEN extended-length pipette tips feature a special elongated design with built-in graduations for more accurate and visual pipetting. All sterile products are sterilized by gamma irradiation, eliminating toxic residues associated with ethylene oxide (EtO) sterilization. All tips are manufactured from premium raw materials and are free of RNase, DNase, DNA, pyrogens and ATP.Non-sterile tips are also produced from high-quality raw materials and are certified free of RNase, DNase, DNA, pyrogens and other contaminants.



| Length | Type | |
|---|---|---|
| 32mm |  | 10ul Tips |
| 46mm |  | 10 µL Extended-Length Pipette Tips with Graduations |
| 60mm |  | 200 µL Extended-Length Pipette Tips with Graduations |
| 88mm |  | 1000 µL Extended-Length Pipette Tips with Graduations |
| 102mm |  | 1250 µL Extended-Length Pipette Tips with Graduations |

## Standard Extended-Length Pipette Tips

| P/N | Volume | Filter | Sterilization | Packaging | Packaging Specifications | Product Images |
|---|---|---|---|---|---|---|
| 380-06160-15 | 0.1-10 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |  |
| 380-06160-16 | 0.1-10 ul | No | Gamma Irradiation Sterilization | Bagged | 1000 tips/bag, 40 bags/case | |
| 380-06160-17 | 0.1-20 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |  |
| 380-06160-18 | 0.1-20 ul | No | Gamma Irradiation Sterilization | Bagged | 1000 tips/bag, 40 bags/case | |
| 380-06160-19 | 1-300 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |  |
| 380-06160-20 | 1-300 ul | No | Gamma Irradiation Sterilization | Bagged | 1000 tips/bag, 20 bags/case | |
| 380-06160-21 | 100-1000 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |  |
| 380-06160-22 | 100-1000 ul | No | Gamma Irradiation Sterilization | Bagged | 1000 tips/bag, 10 bags/case | |
| 380-06160-23 | 100-1200 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |  |
| 380-06160-24 | 100-1200 ul | No | Gamma Irradiation Sterilization | Bagged | 1000 tips/bag, 10 bags/case | |

Please contact your local sales office if small-size packaging is required.



# SHIMSEN Low-Retention Pipette Tips

Engineered for demanding applications, SHIMSEN low-retention pipette tips are ideal for aspirating viscous fluids in complex workflows including PCR, RT-PCR and DNA sequencing. They are also suitable for low-volume and macromolecular samples. Inaccurate pipetting or residual liquid on tip inner/outer walls may impair final data. By optimizing raw-material formulation and production processes, these tips greatly reduce sample-adsorption effects.



## Extended-Length Low-Retention Tips

| P/N | Volume | Filter | Sterilization | Packaging | Packaging Specifications | Product Images |
|---|---|---|---|---|---|---|
| 380-06160-05 | 0.1-10 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |  |
| 380-06160-06 | 0.1-20 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |  |
| 380-06160-07 | 1-200 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |  |
| 380-06160-08 | 1-300 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |  |
| 380-06160-09 | 100-1200 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |  |

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## Rainin LTS Low-Retention Pipette Tips

| P/N | Volume | Filter | Sterilization | Packaging | Packaging Specifications |
|---|---|---|---|---|---|
| 380-06160-10 | 20 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |
| 380-06160-11 | 200 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |
| 380-06160-12 | 300 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |
| 380-06160-13 | 1000 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |
| 380-06160-14 | 1200 ul | No | Gamma Irradiation Sterilization | Racked | 96 tips/rack, 50 racks/case |

Please contact your local sales office if small-size packaging is required.

# SHIMSEN High-Volume Pipette Tips

- Deliver high precision and optimal sealing performance with no air leakage or back-suction.
- Featuring high material toughness for easy tip loading and ejection.
- The smooth inner surface prevents leakage and sample residual.
- Compatible with pipettes from Eppendorf, Biohit, Thermo and other brands.




## Compatible with Eppendorf and Biohit pipettes

| P/N | Volume | Filter | Sterilization | Packaging | Packaging Specifications |
|---|---|---|---|---|---|
| 380-06160-25 | 5ml | No | Gamma Irradiation Sterilization | Racked | 24 tips/rack, 30 racks/case |
| 380-06160-26 | 5ml | No | Non-sterile | Bagged | 100 tips/bag, 20 bags/case |
| 380-06160-27 | 10ml | No | Gamma Irradiation Sterilization | Racked | 24 tips/rack, 40 racks/case |
| 380-06160-28 | 10ml | No | Non-sterile | Bagged | 100 tips/bag, 10 bags/case |

Please contact your local sales office if small-size packaging is required.

## Compatible with Thermo pipettes

| P/N | Volume | Filter | Sterilization | Packaging | Packaging Specifications |
|---|---|---|---|---|---|
| 380-06160-29 | 5ml | No | Gamma Irradiation Sterilization | Racked | 40 tips/rack, 40 racks/case |
| 380-06160-30 | 5ml | No | Non-sterile | Bagged | 100 tips/bag, 20 bags/case |
| 380-06160-31 | 10ml | No | Gamma Irradiation Sterilization | Racked | 24 tips/rack, 40 racks/case |
| 380-06160-32 | 10ml | No | Non-sterile | Bagged | 100 tips/bag, 10 bags/case |

Please contact your local sales office if small-size packaging is required.

# SHIMSEN Pipette Tip Compatibility Chart

| EPPENDORF | | SHIMSEN TIPS | | | | |
|---|---|---|---|---|---|---|
| **PIPETTE BRAND** | **PRODUCT NO.** | 380-06160-05<br>380-06160-15<br>380-06160-16 | 380-06160-06<br>380-06160-17<br>380-06160-18 | 380-06160-07<br>380-06160-19<br>380-06160-20 | 380-06160-08<br>380-06160-19<br>380-06160-20 | 380-06160-09<br>380-06160-21<br>380-06160-22 |
| **PIPETTE VOLUME** | | 0.1-10UL | 0.1-10UL | 1-200ul | 1-300ul | 100-1200ul |
| Eppendorf Research Plus | 0.1-2.5ul-1(dark gray) | ✓ | ✓ | | | |
| | 0.5-10u-12(grey) | ✓ | ✓ | | | |
| | 0.5-10-1(grey) | ✓ | ✓ | | | |
| | 0.5-10ul-8(grey) | ✓ | ✓ | | | |
| | 2-20ul-1(lightgray) | ✓ | ✓ | | | |
| | 2-20ul-1(yellow) | | | ✓ | | |
| | 10-100ul-1 | | | ✓ | | |
| | 10-100ul-8 | | | ✓ | ✓ | |
| | 10-100ul-12 | | | ✓ | ✓ | |
| | 20-200ul-1 | | | ✓ | ✓ | |
| | 30-300ul-12 | | | ✓ | ✓ | |
| | 30-300ul-1 | | | ✓ | ✓ | |
| | 100-1000ul-1 | | | | | ✓ |
| | 120-1200ul-8 | | | | | ✓ |
| **GILSON** | | | | | | |
| GILSON PIPETMAN (PN) | 2-20u-1 | | | ✓ | | |
| | 10-100ul-1 | | | ✓ | ✓ | |
| GILSON PIPETMAN (PL) | 1-10ul-8 | ✓ | ✓ | | | |
| | 2-20ul-8 | | | ✓ | ✓ | |
| | 20-200ul-1 | | | ✓ | ✓ | |
| | 20-200ul-8 | | | ✓ | ✓ | |
| | 100-1000ul-1 | | | | | ✓ |
| **THERMO** | | | | | | |
| Thermo Finnpipette (F1) | 5-50ul-8 | | | ✓ | ✓ | |
| Thermo Finnpipette (F2) | 10-100ul-8 | | | ✓ | | |
| Thermo Finnpipette (F3) | 1-10u-1(μTip) | ✓ | ✓ | | | |
| | 1-10ul-1 | | | ✓ | ✓ | |
| | 2-20u1-1 | | | ✓ | ✓ | |
| | 2-20ul-1(μTip) | ✓ | ✓ | | | |
| | 5-50ul-1 | | | ✓ | ✓ | |
| | 5-50ul-1(μTip) | ✓ | ✓ | | | |
| | 100-1200u-8 | | | | | ✓ |
| **BIOHIT** | | | | | | |
| BIOHIT PROLINE | 0.5-10u-12 | ✓ | ✓ | | | |
| | 2-20ul-1 | | | ✓ | | |
| | 5-50ul-8 | | | ✓ | ✓ | |
| | 50-300ul-8 | | | ✓ | ✓ | |
| | 100-1000ul-1 | | | | | ✓ |
| **BRAND** | | | | | | |
| BRAND | 0.5-10ul-8 | ✓ | ✓ | | | |
| | 5-50ul-1 | | | ✓ | | |
| | 10-100ul-8 | | | ✓ | ✓ | |
| | 30-300u-12 | | | ✓ | ✓ | |
| **DLAB** | | | | | | |
| DLAB | 0.5-10ul-8 | ✓ | | | | |
| | 2-20ul-1 | | | ✓ | ✓ | |
| | 5-50ul-1 | | | ✓ | ✓ | |
| | 10-100ul-1 | | | ✓ | ✓ | |
| | 50-300ul-8 | | | | | |
| | 100-1000ul-1 | | | | | ✓ |
| **Rainin** | | | | | | |
| Rainin pipette SL (PL) | 0.1-2ul | ✓ | ✓ | | | |
| | 0.5-10ul | ✓ | ✓ | | | |
| | 2-20ul | | | ✓ | ✓ | |
| | 10-100ul | | | ✓ | ✓ | |
| | 20-200ul | | | ✓ | ✓ | |
| | 100-1000ul | | | | | ✓ |

# SHIMSEN Pipette Tip Compatibility Chart

| Rainin (XLS) | | SHIMSEN TIPS | | | | |
|---|---|---|---|---|---|---|
| **PIPETTE BRAND** | **PRODUCT NO.** | 380-06160-10 | 380-06160-11 | 380-06160-12 | 380-06160-13 | 380-06160-14 |
| **PIPETTE VOLUME** | | 0.1-20UL | 1-200UL | 1-300UL | 100-1000UL | 120-1200UL |
| Rainin pipette Lite (XLS) | 0.5-10ul-12 | ✓ | | | | |
| | 2-20ul-1 | ✓ | | | | |
| | 5-50ul-8 | | ✓ | | | |
| | 20-200ul-8 | | ✓ | | | |
| | 30-300ul-1 | | | ✓ | | |
| | 100-1000ul-1 | | | | ✓ | ✓ |
| | 120-1200ul-8 | | | | ✓ | ✓ |

Notes: -1 = single-channel pipettor; -8 = 8-channel pipettor; -12 = 12-channel pipettor.

| **PIPETTE BRAND** | | **Eppendorf** | | **Thermo scientific** | | **Biohit** | | **DLAB** | |
|---|---|---|---|---|---|---|---|---|---|
| **SHIMSEN TIPS** | **PIPETTE VOLUME** | Research plus | | Finnpipette F3 | | Proline Plus | | HiPette | |
| **PIPETTE VOLUME** | | 0.5-5ml | 1-10ml | 0.5-5ml | 1-10ml | 0.5-5ml | 1-10ml | 1-5ml | 2-10ml |
| 380-06160-25 | 0.5-5ml | ✓ | | | | ✓ | | ✓ | |
| 380-06160-26 | 0.5-5ml | ✓ | | | | ✓ | | ✓ | |
| 380-06160-27 | 1-10ml | | ✓ | | | | ✓ | | ✓ |
| 380-06160-28 | 1-10ml | | ✓ | | | | ✓ | | ✓ |
| 380-06160-29 | 0.5-5ml | | | ✓ | | | | | |
| 380-06160-30 | 0.5-5ml | | | ✓ | | | | | |
| 380-06160-31 | 1-10ml | | | | ✓ | | | | |
| 380-06160-32 | 1-10ml | | | | ✓ | | | | |

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