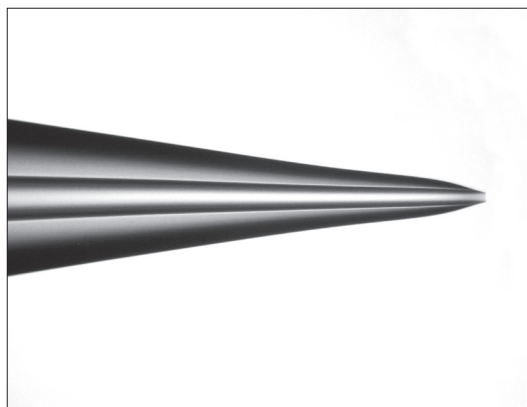


FOUNDATION™

PICOTIP POWERED®



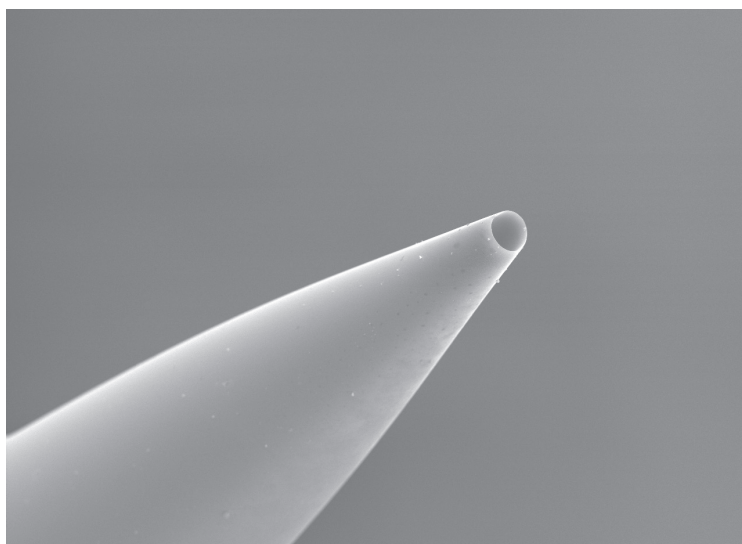
SPECIFICATIONS

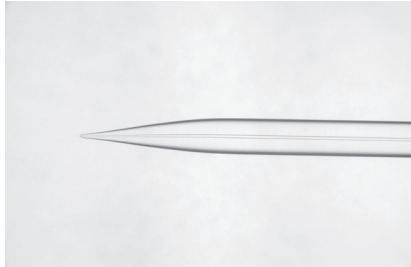
Manufactured from fused-silica tubing, 5cm long tips and available either with no conductive coating (N in product number) for long-lasting performance or coating applied to the distal end (D in product number) for applying voltage. Cleaving prior to connection is required unless choosing precut and polished (CT in product number).

SilicaTip emitters can be cleaved to length using a diamond scribe (New Objective Part Number: SCRIBE) prior to use. Available pre-cut and polished to a specified length. Precut emitters are precision cut and polished for optimal connections, easy to use with no cleaving required and ready to use right out of the box. Consult the standard product list for specific part numbers and further details.

FEATURES

- **Optimized:** Engineered for continuous flow nanospray ranging from 20 nl/min. to 1,000 nl/min.
- **Efficient:** Sharper spray cone delivers smaller initial droplets for higher ionization efficiency
- **Flexible:** Selection of IDs, tip sizes and lengths to meet demanding application requirements including precut emitters
- **Precise:** Precision manufacturing delivers stable spray for reduced variability and improved quantitative precision
- **Sensitive:** Best for single-cell proteomics, limited sample volumes or high-resolution imaging MS
- **Compatible:** Manufactured using the highest-grade fused silica tubing for MS compatibility
- **Reliable:** Rigorous video inspection ensuring consistent tip geometry
- **Reproducible:** Precise manufacturing and exhaustive quality control means a stable spray with reduced variability and out of the box assuredness
- **Performance:** The highest performance emitter on the market for when your workflow demands maximal sensitivity at ultra-low flow rates





STANDARD PRODUCT LIST

The following SilicaTip emitters are available as standard products. Standard products are in stock and ready to ship. Please inquire about additional sizes and custom orders.

Part Number: FS360-20-10-N-5
Description: SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, uncoated, box of 5, 5 cm length

Part Number: FS360-20-10-N-20
Description: SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, uncoated, box of 20, 5 cm length

Part Number: FS360-20-10-D-20
Description: SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, distal coated, box of 20, 5 cm length

Part Number: FS360-20-10-CE-20
Description: SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, standard coated, box of 20, 5 cm length

Part Number: FS360-50-10-N-20
Description: SilicaTip: 360 µm OD, 50 µm ID, 10 µm tip ID, uncoated, box of 20, 5 cm length

Part Number: FS360-50-15-N-20
Description: SilicaTip: 360 µm OD, 50 µm ID, 15 µm tip ID, uncoated, box of 20, 5 cm length

Part Number: FS360-50-15-D-5
Description: SilicaTip: 360 µm OD, 50 µm ID, 15 µm tip ID, distal coated, box of 5, 5 cm length

PLATFORM CUSTOMIZED

Pre-Cut SilicaTip Emitters for Thermo Fisher NSI and Nanospray Flex™ Ion Source

For ease of use, choose precision cut and polished 10.5 cm long emitters ready to use out of the box. No cleaving required. (Part number ending in 105CT)

Or choose 12 cm long emitters which require cleaving prior to connection. (Part number ending in C12)

Part Number: FS360-20-10-N-5-C12
Description: SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, uncoated, box of 5, 12 cm length

Part Number: FS360-20-10-N-20-C12
Description: SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, uncoated, box of 20, 12 cm length

Part Number: FS360-50-15-N-20-C12
Description: SilicaTip: 360 µm OD, 50 µm ID, 15 µm tip ID, uncoated, box of 20, 12 cm length

Part Number: FS360-20-10-N-5-105CT

Description: Precut SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, uncoated, box of 5, 10.5 cm length

Part Number: FS360-20-10-N-20-105CT
Description: Precut SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, uncoated, box of 20, 10.5 cm length

PRECUT SILICATIP EMITTERS FOR WATERS OR BRUKER ION SOURCE

For ease of use, choose precision cut and polished 6.35 cm or 7 cm long emitters ready to use out of the box. No cleaving required.

Part Number: FS360-20-10-N-5-6.35CT
Description: Pre-Cut SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, uncoated, box of 5, 6.35 cm length

Part Number: FS360-20-10-N-5-7CT
Description: Precut SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, uncoated, box of 5, 7 cm length

Part Number: FS360-20-10-N-20-7CT
Description: Precut SilicaTip: 360 µm OD, 20 µm ID, 10 µm tip ID, uncoated, box of 20, 7 cm length

