

Thermo Scientific Matrix Automation Tips

Thermo Scientific Matrix Automation Tips are compatible with 384 Beckman FX, Perkin Elmer, and FLIPR instruments using CCS "Type A" and Liberty "Type B" pipetting heads. These new tips are PureFect® tested and validated on their compatible instruments to ensure only the highest quality product for automated pipetting systems.



100% Quality Automation Tips. Tips are PureFect certified to ensure product is DNase, RNase, endotoxin, and cytotoxin free. Tips are also validated on their compatible instruments to guarantee optimal automated pipetting performance.

Static-free Tip Racks. Automation Tip racks are made of conductive Polypropylene to reduce static interactions on Beckman, Perkin Elmer, and FLIPR automated platforms. This ensures reliable sealing on the instrument, tip straightness, and optimal pipetting performance.

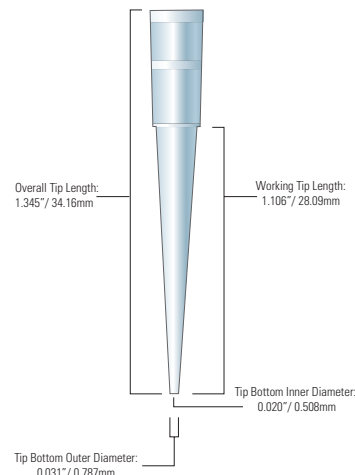
Variety of Tip Options. Thermo Scientific Matrix Automation Tips are available in non-sterile, sterile, and sterile-filtered. These options make these tips compatible with a wide range of pipetting applications on compatible instrument platforms

Quality Tip Molding. All Automation Tips are molded using hydrophobic Polypropylene for superior liquid handling performance on the 384 Beckman FX and Perkin Elmer and FLIPR CCS "Type A" pipetting head instruments.

Equipment and Consumable Sensitivity. We understand the depth of product knowledge required to support liquid handling instruments, and our experts are available to support customers' unique supply and troubleshooting needs.

Knowledgeable Sales Force. We have a strong reputation for supporting both equipment and consumable products. Our team can assist in set up and validation of Thermo Scientific Matrix Automation Tips on your Beckman FX, Perkin Elmer, or FLIPR instrument.

5331, 5332, 5335 Beckman

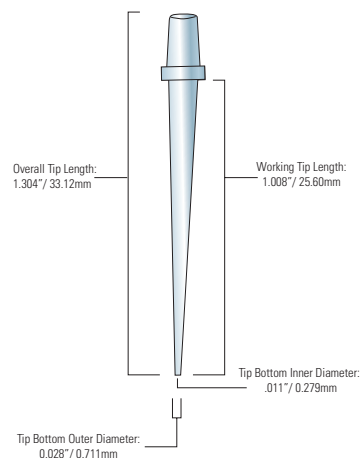


Thermo Scientific Matrix Automation Tip Specifications

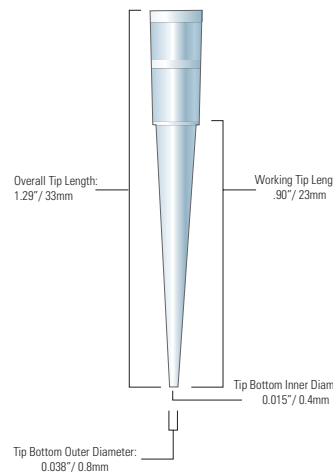
Volume Range	5331, 5332, 5335 (Beckman FX) 5341, 5342, 5345 (Perkin Elmer, CCS Type A) 5361 (FLIPR Liberty Type B)	1 µl-30 µl, 0.5 µl-30 µl 0.5 µl-30 µl 0.5 µl-30 µl
Tip Bottom Outer Orifice	5331, 5332, 5335 (Beckman FX) 5341, 5342, 5345 (Perkin Elmer, CCS Type A) 5361 (FLIPR Liberty Type B)	0.028" / 0.711mm 0.031" / 0.787mm 0.038" / 0.8mm
Tip Bottom Inner Orifice	5331, 5332, 5335 (Beckman FX) 5341, 5342, 5345 (Perkin Elmer, CCS Type A) 5361 (FLIPR Liberty Type B)	0.011" / 0.279mm 0.020" / 0.508mm 0.015" / 0.4mm
Overall Length	5331, 5332, 5335 (Beckman FX) 5341, 5342, 5345 (Perkin Elmer, CCS Type A) 5361 (FLIPR Liberty Type B)	1.304" / 33.12mm 1.345" / 34.16mm 1.29" / 33mm
Length Under Tips Shoulder	5331, 5332, 5335 (Beckman FX) 5341, 5342, 5345 (Perkin Elmer, CCS Type A) 5361 (FLIPR Liberty Type B)	1.008" / 25.60mm 1.106" / 28.09mm 0.90" / 23mm

Item No.	Description	Compatible Instruments
5331	30 µl Clear Non-Sterile 384 Beckman FX (10 Racks/ Case)	384 Beckman FX
5332	30 µl Clear Sterile 384 Beckman FX (10 Racks/ Case)	384 Beckman FX
5335	25 µl Clear Sterile-Filtered 384 Beckman FX (10 Racks/ Case)	384 Beckman FX
5341	30 µl Clear Non-Sterile 384 Perkin Elmer (10 Racks/ Case)	Perkin-Elmer Platetrak, Minitrak, Evolution P-3, Molecular Devices FLIPR CCS Type A Heads
5342	30 µl Clear Sterile 384 Perkin Elmer (10 Racks/ Case)	Perkin-Elmer Platetrak, Minitrak, Evolution P-3, Molecular Devices FLIPR CCS Type A Heads
5345	20 µl Clear Sterile-Filtered 384 Perkin Elmer (10 Racks/ Case)	Perkin-Elmer Platetrak, Minitrak, Evolution P-3, Molecular Devices FLIPR CCS Type A Heads
5361	30 µl Clear Non-Sterile 384 Molecular Devices FLIPR Liberty type B (10 Racks/Case)	Molecular Devices Flexstation II, Flexstation 3 and FLIPR Liberty Type B Heads

5341, 5342, 5345 Perkin Elmer, FLIPR CCS A



5361 Molecular Devices FLIPR Liberty Type B



North America: Tel: 800.345.0206 | email: matrix.info@thermofisher.com
 Europe: Tel: +44(0) 161 486 2110 | email: matrix.eu.info@thermofisher.com
 Asia: email: matrix.ap.info@thermofisher.com
 web: www.thermo.com/matrix