Sutter Instrument Custom Pipette Worksheet

Customer & Institution: _____

Application: _____(injection, aspiration, transfer, holding, recording, etc)

Glass Wall Thickness: ☐ Thick walled ☐ Thin walled

Glass Composition: ☐ Borosilicate ☐ Aluminosilicate ☐ Quartz Glass

Recommended Glass: Item # _____

Glass with Filament: ☐ Yes ☐ No (inner glass rod for backfilling & capillary action)

Shaft Length: ☐ 2.5cm ☐ 3.25cm ☐ 5cm ☐ 7.5cm ☐ 10cm ☐ 12.5cm

Taper Length: (3mm – 20mm) = Melted region of glass, shoulder to tip

☐ 3-5mm	☐ 11-12mm
☐ 5-6mm	☐ 13-15mm
☐ 7-9mm	☐ 16-17mm
☐ 10mm	☐ 18-20mm

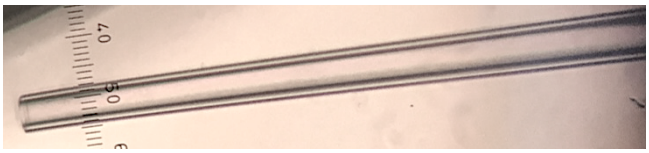
Tip Size: (inner diameter of tip opening)

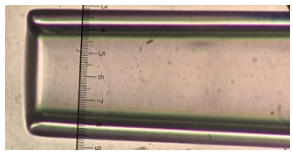
☐ 1-3µm	☐ 10-15µm	☐ 50µm	☐ 150µm
☐ 4-5µm	☐ 15-20µm	☐ 75µm	☐ 175µm
☐ 5-7µm	☐ 25µm	☐ 100µm	☐ 200µm
☐ 8-10µm	☐ 40µm	☐ 125µm	☐ 300µm

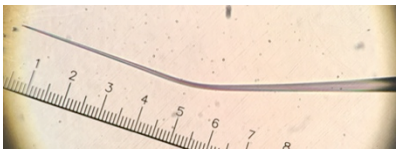
☐ Custom _____µm

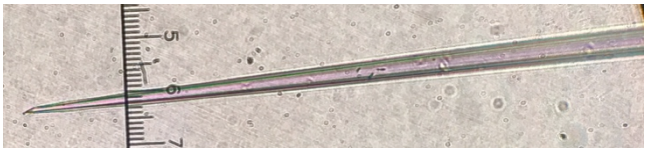
Tip Treatment:

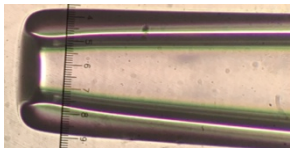
☐ Clean & Blunt
☐ Polished - light medium heavy (circle amount of fire polish)
☐ Beveled - 20˚ 25˚ 30˚ 35˚ 40˚ 45˚ (circle degree of bevel)
☐ Straight
☐ Bent - Degree = 15˚ 20˚ 25˚ 30˚ 35˚ 40˚ 45˚ (circle degree of bend)
- Location = 0.5mm 1mm 2mm 3mm 4mm 5mm (at what distance back from tip)

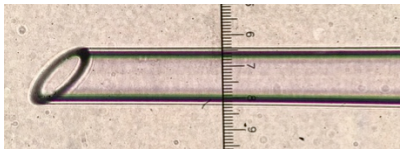

Clean & Blunt 35µm

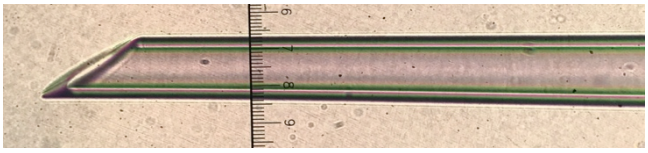

Light Polish

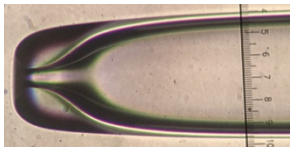

Bent / Angled

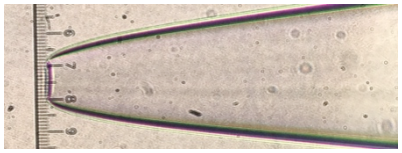

Small 2.5µm Tip, Beveled at 25˚


Medium Polish

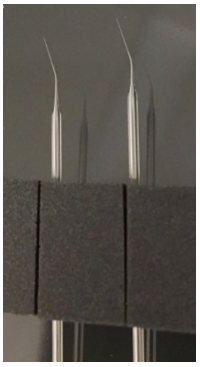

40µm Tip, 45˚ Bevel, Thin Walled Glass


Large 50µm Tip, Beveled at 30˚ - Thick Walled Glass


Heavy Polish


Large Electrode, 25µm Tip, light polish

Pipette Storage Box


Sample Pipettes

Send Custom Pipette Request to:

Adair L. Oesterle, R&D
Email: adair@sutter.com
Office: 1-415-883-0128
Cell: 1-415-328-6928
or
Email: info@sutter.com
Fax: 1-415-883-0572

*** Custom Pipettes: Clean, non-sterile, research only, not for human use ***