



Abdos
LABWARE

Polypropylene Micro Tips LP1225 & LP1227



Features

- Abdos Tips are manufactured in a state of the art precision-moulded facility using high purity virgin polypropylene
- Micro tips are DNase, RNase, and Pyrogen free
- Designed for use in a wide variety of pipetting applications and are compatible with different types of u-pipettes
- Clean and the hydrophobic surface ensures low retention, increased accuracy and reproducibility
- High clarity and finer tip opening makes the tip more suitable for molecular biology and precise applications
- The opening is precisely centred for directional accuracy
- Can be autoclaved

Material

- Tube: Polypropylene (PP), Hydrophobic
- Temperature range from -80°C to +121°C
- Complies with requirement of Directive 2002/72 EC and requirement of FDA Regulation 21 CFR 177.1520 of fine polymers.
- Free from heavy metals according to ELV directive 2000/53/EC and its following amendments.

Abdos Part Number	Wiltronics Order Number	Colour	Capacity (µl)	No. Per Case
P10101	LP1225YELL	Yellow	2-200	1000
P10105	LP1225NAT	Natural	2-200	1000
P10102	LP1227BLUE	Blue	100-1000	500
P10106	LP1227NAT	Natural	100-1000	500



Polypropelyne Micro Tips LP1225 & LP1227

Polypropelyne Micro Tips Compatibility

- Eppendorf Research
- Eppendorf Reference
- Thermo Finnpiquette
- Biohit Proline
- Biohit E-line
- Biohit M-Line
- Gilson Pipetman
- Nichiryo
- Rainin
- Sororex
- Abdos

Physical Properties of Polypropelyne (PP)

Usage Temp MAX (°C)	Brittleness Temp (°C)	Transparency	Specific Gravity	Flexibility	Water Absorption (%)
135	0	Translucent	0.90	Rigid	< 0.02

Sterilization

Autoclaving - (121°C, 15 psig for 20 minutes)

NOTE: Always Autoclave Centrifuge Tubes with the Cap off.

Dry Cycle - Do not use as this may cause deformation or weakening of the plastic.

Radiation - Do not use as this may cause deformation or weakening of the plastic.

Gas - Ethylene oxide, formaldehyde.

Disinfection - Benzalkonium chloride, Formalin, Ethanol, etc

NOTE: Sterilizing reduces mechanical strength.

Autoclaving Guidelines

Clean and rinse item with distilled water before autoclaving. Certain chemicals which have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures.

These plastic consumables are autoclavable at 121°C for 15 minutes, 15psi/1 atm.

Do not use a dry cycle as this may cause deformation or weakening of the plastic.

Allow temperature within the autoclave to return to at least 80°C before removing the product

Chemical Resistance for Polypropelyne (PP)

Class of substance at room temperature	Performance	Class of substance at room temperature	Performance
Acids (Dilute/Weak)	E	Hydrocarbons (Aliphatic)	G
Acids (Strong & Concentrated)	E	Hydrocarbons (Aromatic)	F
Alcohols (Aliphatic)	E	Hydrocarbons (Halogenated)	F
Aldehydes	G	Ketones	G
Bases	E	Oxidising Agents (Strong)	F
Esters	G		

E = Excellent, 30 days of constant exposure causes no damage. Plastics may even tolerate for years.

G = Good, Little or no damage after 30 days of constant exposure to the reagent.

F = Fair, Some effect after 7 days of constant exposure can include crazing, cacking, loss of strength or discoloration.