

TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH-53
Rev No: 06 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Last Drop Low Retention Pipette Tips, Sterile Racked, PP

Valid for Cat. No. P10040, P10041, P10042, P10043, P10044, P10045, P10046, P10047

SRN (Single Registration Number): IN-MF-000022272

1. Description/Specification

1.1 Description:

1.1.1 Pipette Tips, Sterile Racked Tips, DNase, RNase, Human DNA, ATP & Pyrogen Free, CE & IVD certified.

1.1.2 Sterile by Gama Radiation.

1.2 Design:

Tip: Open Cylindrical Upper and conical Apex with orifice for liquid dispensing

Box: Rectangular Box with Transparent Top Cover with slip lock. Removable Micro tip Tray Suitable to Work in a Robotic System. Compatible for use with Multichannel Pipettes Top cover mark A-H in Y-axis for easy discrimination.

1.3 Performance Specifications:

Code	Capacity (µl)	No./Case	Colour
P10040	0.1-10 (Graduated)	10 Racksx96pcs	Natural
P10041	0.1-10 Extended (Graduated)	10 Racksx96pcs	Natural
P10042	1-200 (Bevelled Graduated)	10 Racksx96pcs	Natural
P10043	1-200 (Xtreme Point Tip Orifice)	10 Racksx96pcs	Natural
P10044	1-300 (Graduated)	10 Racksx96pcs	Natural
P10045	100 – 1000	10 Racksx96pcs	Natural

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P10046	100 – 1000ul XL	10 Racksx96pcs	Natural
P10047	100 – 1250ul	10 Racksx96pcs	Natural

1.3.2 Fitting to pipettes: Universal Fit (For detail refer the Abdos compatibility chart)

1.4 Material:

1.4.1 Polypropylene (PP), Hydrophobic, confirm US FDA 21CFR

1.4.2 The product complies with USP class VI. Free from Heavy metals, it is safe to use in contact with food stuff, Pharmaceuticals & drinking water.

1.4.3 Product is manufactured without the use of Raw Materials of animal origin. Therefore BSE/TSE issue does not concern this product to the best of our knowledge. No materials containing latex or natural rubber are used in the Manufacturing, handling & packaging process for this product.

1.5 Color:

Tip Colour -Natural

Wafer Colour - 10ul Green, 20 to 100ul Yellow, 200 to 300ul Orange, 1000ul Blue, 1000XL & 1250ul Light Blue, 5 & 10ml Purple

1.6 Sterilization: Sterile catalog number from this lot have been pre-sterilized and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products- Requirements for validation and routine control- Radiation sterilization*. The product has been sterilized with Co-60 Gamma Radiation. SAL 10^{-6}

1.7 Quality control: Products are manufactured, inspected and found to be in compliance with product & quality specification requirements as documented in ISO 9001:2015 & 13485:2016 Quality Management System. Testing of various characteristics in accordance with the valid specification, inspection reviewed & signed for product release.

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1.8 Other information:

Reusable, only box can be autoclavable up to 10 autoclave cycle. The retention level is minimal, diamond polished moulds for an extremely hydrophobic & smooth surface to ensure lowest retention in its class. Tips are of single used only.

1.9. Basic Features:

1.9.1 Made up of : High Purity Virgin Polypropylene (PP)

1.9.2 Temperature range: -80⁰C to + 121⁰C for 20 minutes

1.9.3 Autoclavability: Yes, Autoclavable at 15 psi and 121 ⁰C for 20 minutes

1.9.4 Chemical resistance: see website (www.abdoslifesciences.com)

1.9.5 Retention: Best in its class. (with Acidic & Basic dyes)

1.9.6 Manufactured in Clean room ISO Class 8 (100,000)

1.9.7 Intended use: Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121⁰C for 20 minutes, 15 psi/1atm. 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 50⁰C before removing product.

Instruction for Use

Product can be used for food contact also.

Storage temp. Max 30°C

Before using the product check crackness, pouch punctured etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimens.






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WARNING

DO NOT store strong oxidizing agents.
DO NOT place any plastic labware in a flame.
DO NOT mix any chemicals that may result in a thermic reaction, which can cause product failure
Consult local fire codes prior to storage of flammable liquids.

STERILE R  30°C    

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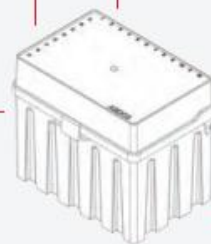
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Abdos Life Science successfully filed **PATENT** in **Pipette Tip Box** Category

Anti-Warpage Technology offers strength & security at liquid handling

Transparent top cover & bottom provides an excellent view of the Micro Tips inside the box



Design with consistent wall thickness for repetitive use in single and multi-channel pipettes

Hinged lid provides fast, safe pipette tip access

Green Manufacturing & Reusable once empty, saves plastics



**Anti-Warpage
Technology**



**Anti-Shrink
Technology**



**Robust Design
& Strength**