

# TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH-48  
Rev No: 06 Date- 05/2024-25

**Abdos Labtech Pvt. Ltd.**  
**Pipette Tips, Sterile Racked, PP**

**Valid for Cat. No. P10117, P10147, P10149, P10148, P10111, P10112, P10150, P10113, P10114, P10156, P10158, P10171, P10178**

**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
<b>P10117</b>	0.1-10 (Graduated)	10Racksx96pcs	Natural
<b>P10147</b>	0.1-10 Extended (Graduated)	10Racksx96pcs	Natural
<b>P10149</b>	1-200 (Bevelled Graduated)	10Racksx96pcs	Yellow
<b>P10148</b>	1-200 (Bevelled Graduated)	10Racksx96pcs	Natural
<b>P10111</b>	1-200 (Xtreme Point Tip Orifice)	10Racksx96pcs	Yellow

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<b>P10112</b>	1-200 (Xtreme Point Tip Orifice)	10Racksx96pcs	Natural
<b>P10150</b>	1-300 (Graduated)	10Racksx96pcs	Natural
<b>P10113</b>	100 – 1000ul	10Racksx96pcs	Blue
<b>P10114</b>	100 – 1000ul	10Racksx96pcs	Natural
<b>P10156</b>	100 – 1000ul XL	10Racksx96pcs	Natural
<b>P10158</b>	100 – 1250ul	10Racksx96pcs	Natural
<b>P10171</b>	1 – 5ml	6Racksx24pcs	Natural
<b>P10178</b>	500 – 10000ul	6Racksx24pcs	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, Yellow, and Blue

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**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.

**1.8 Other information:** Reusable, only box can be autoclavable up to 10 autoclave cycle.

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 :** -80<sup>0</sup>C to + 121<sup>0</sup>C for 20 minutes

**1.9.3 Autoclavability:** Yes, Autoclavable at 15 psi and 121 <sup>0</sup>C for 20 minutes

**1.9.4 Chemical resistance:** see website ([www.abdoslifesciences.com](http://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.

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## Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121°C 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 50°C 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.







## 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.


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**STERILE R**      

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**Abdos Labtech Pvt. Ltd.**  
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Quality Manager

Abdos Labtech Private Limited

Employee Code 30110



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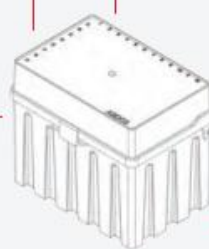
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## Abdos Life Science successfully filed **PATENT** in **Pipette Tip Box** Category

*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**