

# Technical Data Sheet

Doc No – Ab/TDS/LH-55-I

Rev No : 02

## **TECHNICAL DATA SHEET**

**Abdos Labtech Pvt. Ltd.**

**Pipette Tips, Bulk PP**

**Valid for Cat. No. P10115, P10137, P10129, P10130, P10101, P10105, P10138, P10102, P10106, P10144, P10145**

### **1. Description/Specification**

**1.1 Description:** Disposable PP Micropipette Tips, DNase, RNase and Pyrogen Free.

#### **1.2 Design:**

1.2.1 Open Cylindrical Upper and conical Apex with orifice for liquid dispensing

#### **1.3 Performance Specifications:**

<b>Code</b>	<b>Capacity</b>	<b>Colour</b>	<b>No. per Case</b>
<b>P10115</b>	0.2-10 $\mu$ l (Graduated)	Natural	1000
<b>P10137</b>	0.2-10 $\mu$ l Extended (Graduated)	Natural	1000
<b>P10129</b>	2-200 $\mu$ l (Bevelled Graduated)	Yellow	1000
<b>P10130</b>	2-200 $\mu$ l (Bevelled Graduated)	Natural	1000
<b>P10101</b>	2-200 $\mu$ l (Ultra Point Tip Orifice)	Yellow	1000
<b>P10105</b>	2-200 $\mu$ l (Ultra Point Tip Orifice)	Natural	1000
<b>P10138</b>	2-300 $\mu$ l (Graduated)	Natural	1000
<b>P10102</b>	100 - 1000 $\mu$ l	Blue	500
<b>P10106</b>	100 - 1000 $\mu$ l	Natural	500
<b>P10144</b>	1-5ml (Graduated)	Natural	100
<b>P10145</b>	1-10ml (Graduated)	Natural	100

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



Shiv Ganga Industrial Estate,  
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A Division of Abdos

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## 1.4 Material:

1.4.1 Polypropylene (PP), Hydrophobic

1.4.2 This material meets the FDA criteria Regulation 21 CFR 177.1520. olefin polymers.

1.4.3 Free from heavy metals according to ELV Directive 2000/53/EC and its following amendments.

1.4.4 This material is used for all devices for diagnostic (Class-1 medical devices) according to Directive 93/42 requirements.

## 1.5 Color:

**Tip color-** Natural, Yellow and Blue

## 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.

## 1.7 Quality control:

Testing of various characteristics in accordance with the valid Specification.

## 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 :** -90<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.

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

## Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121<sup>0</sup>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<sup>0</sup>C before removing product.



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