

# Technical Data Sheet

Doc No – Ab/TDS/LH-69

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## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Filter Pipette Tips, Sterile Racked, PP**

**Valid for Cat. No. P11021, P11023, P11025, P11027, P11029, P11033, P11035, P11037**

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

#### **1.1 Description:**

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

1.1.2 Sterile by Gama Radiation.

#### **1.2 Design:**

**Tip:** Open Cylindrical Upper and conical Apex with orifice for liquid dispensing. Precise graduation mark for error free pipetting.

**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:**

<b>Code</b>	<b>Capacity (µl)</b>	<b>Colour</b>
<b>P11021</b>	0.2-10 (Graduated)	Natural
<b>P11023</b>	0.2-10 Extended (Graduated)	Natural
<b>P11025</b>	2-20 ( Graduated)	Natural
<b>P11027</b>	2-50 (Graduated)	Natural
<b>P11029</b>	2-100 (Graduated)	Natural
<b>P11033</b>	2-200 (Graduated)	Natural
<b>P11035</b>	2-300 (Graduated)	Natural
<b>P11037</b>	100 – 1000	Natural



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

## 1.4 Material:

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

1.4.2 Complies with requirement accordance with article of regulation (EC) No. 1907/2006 and its amendments.

1.4.3 Complies with the requirement of European Pharmacopoeia, 7<sup>th</sup> edition (2011) & its supplements 7.5 (07/2012) monographs 3.2.2 Plastic Containers and closures for Pharmaceutical use.

1.4.4 The product has passed the USP testing including class VI tests & has been assigned the FDA Drug master file DMF 12123

1.4.5 Materials has successful passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.6 Free from heavy metals according to ELV Direction 2000/53/EC, EU CONEG & it's following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water.

## 1.5 Color:

**Tip color-** Natural

## 1.6 Sterilization:

Sterile catalog number from this lot have been pre-sterilizes 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. Super filter provides aerosol & aqueous liquid by pass prevention in over pipetting thereby preventing cross contamination. Hydrophobic filter that is additive free & does not absorb samples.

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



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**1.9.3 Autoclavability:** Can be autoclave but might loose the fitting of filters.

**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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