

Technical Data Sheet

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Last Drop Low Retention Filter Pipette Tips, Racked PP

Valid for Cat. No. P11060, P11062, P11064, P11066, P11068, P11072, P11074, P11076, P11078 , P11080

1. Description/Specification

1.1 Description: Disposable PP Micropipette Racked Tips, DNase, RNase, Human DNA, ATP & Pyrogen Free, CE & IVD certified.

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:

Code	Capacity (µl)	No./Case	Colour
P11060	0.1-10 (Graduated)	10 Racks x96pcs	Natural
P11062	0.1-10 Extended (Graduated)	10 Racks x96pcs	Natural
P11064	1-20 (Graduated)	10 Racks x96pcs	Natural
P11066	1-50 (Graduated)	10 Racks x96pcs	Natural
P11068	1-100 (Graduated)	10 Racks x96pcs	Natural
P11072	1-200 (Graduated)	10 Racks x96pcs	Natural
P11074	1-300 (Graduated)	10 Racks x96pcs	Natural
P11076	100-1000ul	10 Racks x96pcs	Natural
P11078	100-1000ul XL	10 Racks x96pcs	Natural
P11080	100-1250ul	10 Racks x96pcs	Natural



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CIN : U85100WB2008PTC123903

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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 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, 7th 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, RoHS Free according to meets relevant requirements of EU regulations 1935/2004/CE, 2002/95/EC as amended, UE 10/2011 as amended. EU CONEG & it's following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water

1.4.7 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

1.6 Sterilization:

NA

1.7 Quality control:

Product 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:



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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. 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°C to + 121°C for 20 minutes

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

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 ABDOS Super Filter Tips has a 100% pure, porous polyethylene (PE) filter that prevents aerosol contamination and carryover generated during sample aspiration. In addition, Filter Pipette Tip does not trap samples and allows for sample recovery in the event of over-pipetting. 99.9% Bacterial Aerosol Filtration Efficiency (BFE), (ASTM F21012) Inert, hydrophobic PE filter does not trap or block the liquid. Free of leachables, extractables and heavy metals. Non Cytotoxic (ISO 10993-5 MRM , Minimal Essential Media Elution, GLP Compliant Non-hemolytic.

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.




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