

Technical Data Sheet

Doc No – Ab/TDS/LH-66

Rev No : 04 Date 02/2022-23

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

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



Abdos Labtech Private Limited
(A Division of Abdos Group)
(An ISO 9001,13485,14001,18385,GMP & CE certified company)
Shiv Ganga Industrial Estate
Plot No-1, Lakheswari, Bhagwanpur,
Roorkee-247667, (UK) INDIA

Registered office
13A Government
Place East, 2nd Floor Kolkata
West Bengal – 700069
CIN: U85100WB2008PTC123903
Corporate Office
319, 3rd Floor, DLF Tower A, DDA Dist. Centre
Jasola, New Delhi - 110025

Ph. No: +91- (0) 1332235277
Email: labtech@abdosindia.com
Web: www.abdoslivesciences.com
GST: 05AAGCA8605A1Z7

Technical Data Sheet

1.4 Material:

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

1.4.2 The product has passed the USP testing including class VI tests, Materials has successfully passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.4 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 & its following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water

1.4.5 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:

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 : -80⁰C to + 121⁰C 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)



Abdos Labtech Private Limited
(A Division of Abdos Group)
(An ISO 9001, 13485, 14001, 18385, GMP & CE certified company)
Shiv Ganga Industrial Estate
Plot No-1, Lakheswari, Bhagwanpur,
Roorkee-247667, (UK) INDIA

Registered office
13A Government
Place East, 2nd Floor Kolkata
West Bengal – 700069
CIN: U85100WB2008PTC123903
Corporate Office
319, 3rd Floor, DLF Tower A, DDA Dist. Centre
Jasola, New Delhi - 110025

Ph. No: +91- (0) 1332235277
Email: labtech@abdosindia.com
Web: www.abdoslifesciences.com
GST: 05AAGCA8605A1Z7

Technical Data Sheet

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.

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 specimen.


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.





UKRP
Obelis UK LTD
Sandford Gate,
East Point Business Park,
Oxford OX4 6LB
United Kingdom
Tel: +44 1491 378012
info@obelis.co.uk



Obelis s.a.
Bd General Wabis 53
1030 Brussels Belgium
Tel: +(32) 2 732-55-54
Fax: +(32) 2 732-60-09
mail@obelis.net



Abdos Labtech Pvt. Ltd.
Plot No. 1 Lakshwari Bhagwanpur Roorkee 247667 (UK) India
Email: labtech@abdosindia.com, www.abdoslifesciences.com
Ph: +91 11 41081897



Abdos Labtech Private Limited
(A Division of Abdos Group)
(An ISO 9001,13485,14001,18385,GMP & CE certified company)
Shiv Ganga Industrial Estate
Plot No-1, Lakshwari, Bhagwanpur,
Roorkee-247667, (UK) INDIA

Registered office
13A Government
Place East, 2nd Floor Kolkata
West Bengal – 700069
CIN: U85100WB2008PTC123903
Corporate Office
319, 3rd Floor, DLF Tower A, DDA Dist. Centre
Jasola, New Delhi - 110025

Ph. No: +91- (0) 1332235277
Email: labtech@abdosindia.com
Web: www.abdoslifesciences.com
GST: 05AAGCA8605A1Z7

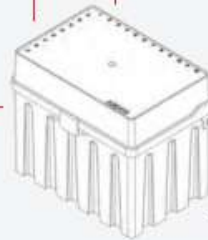
Technical Data Sheet



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**



Abdos Labtech Private Limited
(A Division of Abdos Group)
(An ISO 9001,13485,14001,18385,GMP & CE certified company)
Shiv Ganga Industrial Estate
Plot No-1, Lakheswari, Bhagwanpur,
Roorkee-247667, (UK) INDIA

Registered office
13A Government
Place East, 2nd Floor Kolkata
West Bengal – 700069
CIN: U85100WB2008PTC123903
Corporate Office
319, 3rd Floor, DLF Tower A, DDA Dist. Centre
Jasola, New Delhi - 110025

Ph. No: +91- (0) 1332235277
Email: labtech@abdosindia.com
Web: www.abdoslifesciences.com
GST: 05AAGCA8605A1Z7