

TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH-60
Rev No: 06 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Last Drop Low Retention Filter Pipette Tips, Bulk in Resealable Bag PP

Valid for Cat. No. P11050, P11051, P11052, P11053, P11054, P11055, P11056, P11057, P11058

SRN (Single Registration Number): IN-MF-000022272

1. Description/Specification

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

1.2 Design:

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

1.3 Performance Specifications:

Code	Capacity	Colour	No. per Case
P11050	0.1-10 μ l (Graduated)	Natural	1000
P11051	0.1-10 μ l Extended (Graduated)	Natural	1000
P11052	1-20 μ l (Bevelled Graduated)	Natural	1000
P11053	1-100 μ l (Bevelled Graduated)	Natural	1000
P11054	1-200 μ l (Bevelled Graduated)	Natural	1000
P11055	1 – 300 μ l (Graduated)	Natural	1000
P11056	100-1000ul	Natural	500
P11057	100-1000ul XL	Natural	500
P11058	100-1250ul	Natural	500

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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 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 color- Natural

1.6 Sterilization: NA

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: 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 bypass 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.

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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.

1.9.8 Intended use: Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121⁰C 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 50⁰C 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.

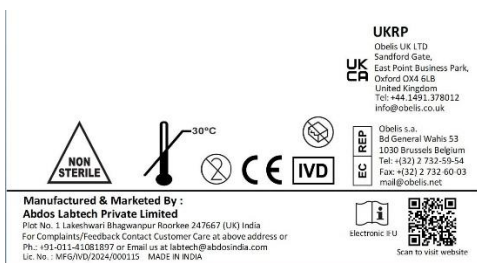
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WARNING

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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Quality Manager
Abdos Labtech Private Limited
Employee Code 30110

