

Technical Data Sheet

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Rev No : 02

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Pipette Tips, Racked PP

Valid for Cat. No. P10116, P10139, P10140, P10141, P10107, P10108, P10142, P10109, P10110

1. Description/Specification

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

1.2 Design:

Tip: Open Cylindrical Upper and conical Apex with orifice for liquid dispensing

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)	Colour
P10116	0.2-10 (Graduated)	Natural
P10139	0.2-10 Extended (Graduated)	Natural
P10140	2-200 (Bevelled Graduated)	Yellow
P10141	2-200 (Bevelled Graduated)	Natural
P10107	2-200 (Ultra Point Tip Orifice)	Yellow
P10108	2-200 (Ultra Point Tip Orifice)	Natural
P10142	2-300 (Graduated)	Natural
P10109	100 – 1000	Blue
P10110	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

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-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

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 : -90⁰C to + 121⁰C for 20 minutes

1.9.3 Autoclavability: Yes, Autoclavable at 15 psi and 121⁰C 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 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.



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Quality Assurance Incharge
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