

TECHNICAL DATA SHEET

Doc No – Ab/TDS/Cryo-32
Rev No: 08 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Cryo Cube Box/ Storage Cube Box, PP

Valid for Catalog No. P20612, P20614, P20607

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

1. Description/Specification

1.1 Description:

1.1.1 Reusable Polypropylene (PP) Cryo Cube Box/ Storage Cube Box, manufactured in state of the art moulding facility using high purity polypropylene.

1.1.2 These boxes are stackable, versatile and designed for sample storage up to -80°C.

1.1.3 These boxes help you to meet storage requirements of 1.5 - 2.0 ml microtubes & 1.0-2.0 ml cryogenic vials.

1.1.4 The dimension of P20614 Cryo Cube Box is compatible with vertical, horizontal & drawer style freezer racks.

1.1.5 These boxes have hinged lid connected to the base and the ultra-smooth locking system ensures secure closure preventing accidental opening of these boxes in deep freezers. Inbuilt numbered and letters grid for sample identification.

1.2 Design:

Square Box with Transparent Lid.

1.3 Performance Specification:

1.3.1 Capacity: P20612 – 1.5, 2.0 ml Micro tube and 1.0, 2.0 ml Cryo tubes – 50 Places (10x5)

Capacity : P20614 – 1.5, 2.0 ml Micro tube and 1.0, 2.0 ml Cryo tubes – 81 Places (9x9)

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Capacity : P20607 – 1.5, 2.0 ml Micro tubes and 1.0, 2.0 ml cryo tubes – 100 Places (10x10)

1.3.2 Universal fit for 1.5, 2.0 ml Micro Tubes and 1.0, 1.8 ml Cryo tubes respectively.

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:

Box : Blue, Yellow & Green color **Lid:** Transparent (Natural)

1.6 Sterilization: Can be autoclaved at 15 Psi, 121 °C for 15 minutes

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:

Reusable ,can be autoclaved up to 10 autoclave cycle.

1.9. Basic Features

1.9.1 Made up of High purity Virgin Polypropylene (PP)

1.9.2 Performance: Boxes have hinged lid & ultra smooth locking system ensure secure closure preventing accidental opening of these boxes in deep freezers.

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1.9.3 Inbuilt numbered and letters grid for sample identification.

1.9.4 Temperature range: -80⁰C to +121⁰C

1.9.5 Autoclavability: Yes, Autoclavable at 15 psi and 121⁰C for 20 minutes

1.9.6 Manufactured in Aseptic Environment

1.9.7 Chemical resistance: see website (www.abdoslifesciences.com)

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.

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

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