

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ MRB-133

Rev No: 07 Date- 05/2024-25

Abdos Labtech Pvt. Ltd. FROSTY MATE™ Freezer Colour Change Racks, PP

Valid for Catalog No. P11106, P11107

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

1. Description/Specification

1.1 Description: Freezer Colour Change Racks, PP - **FROSTY MATE™**

1.1.1 These racks maintain Temperature of less than 4°C for almost 3.5 hours (with lid on rack) at room temperature.

1.1.2 The plastic changes colour to enable the user to see how cold or hot the sample is.

1.1.3 These racks have a dramatic change in colour at 7°C.

1.1.4 These racks are filled with an inert, non-toxic gel

1.2 Design: Rectangular Box with Transparent Lid.

1.3 Performance Specification:

1.3.1 P11106 - MCT Freezer Change Rack (150x100x75mm)

Colour: Colour at cold temperature- **Green** & Warm temperature- **Yellow**.

Capacity: 0.5, 1.5-2 Micro tube. Adaptor for using 0.5ml Micro tubes.

Places: 24 (6x4 Array) with 06 adaptors

1.3.2 P11107 – PCR Freezer Change Rack (150x100x75mm)

Colour: Colour at cold temperature- **Green** & Warm temperature- **Yellow**.

Capacity: PCR tubes, 96 well plates & strips tubes.

Places: 96 (12x8 Array)

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1.4 Material:

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

1.4.2 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: Colour at cold temperature- **Green** & Warm temperature- **Yellow**.

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: Reusable

1.9. Basic Features

1.9.1 Made up of High purity Virgin Polypropylene (PP)

1.9.2 Performance: These racks maintain Temperature of less than 4°C for almost 3.5 hours (with lid on rack) at room temperature.

1.9.3 These racks have a dramatic change in colour at 7°C.

1.9.4 Temperature range: -40°C to +121°C

1.9.5 Chemical resistance: See website (www.abdoslifesciences.com)

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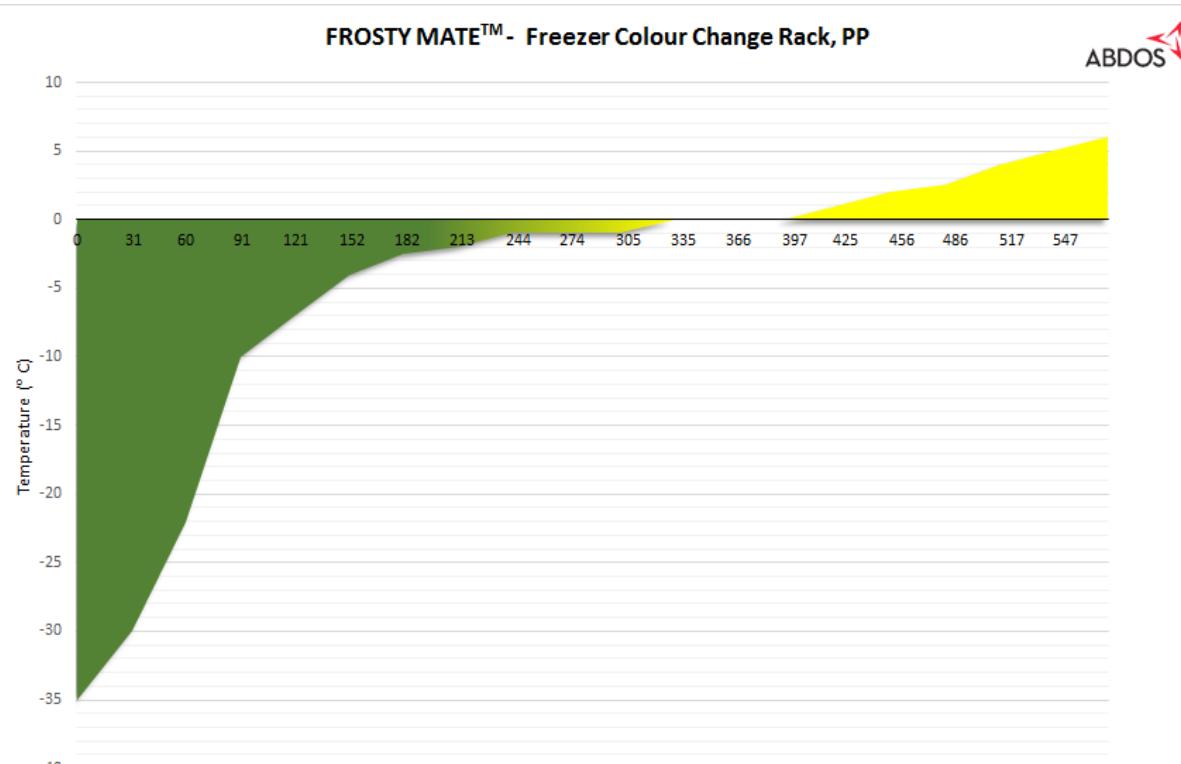
Abdos Labtech Pvt. Ltd. FROSTY MATE™ Freezer Colour Change Racks, PP

1.9.6 Manufactured in Aseptic Environment

1.9.7 Autoclavability: NA

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

NOTE:- FROSTY MATE™ Freezer Colour Change Rack should be kept 24 hours in the deep freeze (-40°C) before the use to get improved result.



NOTE – FROSTY MATE™ FREEZE COLOUR CHANGE RACK SHOULD BE KEPT 24 HOURS IN THE DEEP FREEZE BEFORE THE USE TO GET IMPROVED RESULTS.

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Instruction for Use

Product can be used for food contact also.

Storage temp. Max 30°C

Before using the product check crackness etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimens.

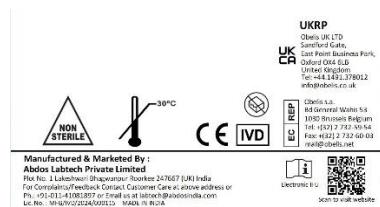
WARNING

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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