

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ PCR-105

Rev No: 08 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Sealing Mats, Silicon Rubber

Valid for Cat. No. P10721, P10731

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

1. Description/Specification

1.1 Description: Sealing Mats, Silicon Rubber.

1.1.1 These mats are made of silicone rubber and designed to seal the plates

1.1.2 The mat is made up of 96 plugs & 384 plugs. The mat must be compressed. A plug that caps the individual well seals each well on the PCR plate.

1.1.3 Sealings mats are autoclavable.

1.2 Design: Sealing Mats are designed to seal all PCR plates.

1.3 Performance Specification:

Code	Type	No. per Case
P10721	Silicone Sealing Mats 96 well	50 mats
P10731	Silicone Sealing Mats 384 well	50 mats

1.4 Material:

1.4.1 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.

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1.5 Color: Translucent (Natural)

1.6 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.

1.7 Other information

1.7.1 DNase, RNase, DNA, Endotoxin and PCR inhibitor.

1.7.2 Recommended for Single use only

1.7.3 These mats are designed to seal all PCR plates except P10717.

1.8 Basic Features

1.8.1 Temperature range: -80°C to + 120°C

1.8.2 Synthetic elastomer in which silicon atoms are linked together by oxygen atoms.

1.8.3 Very good thermal stability and resistance to UV, Ozone and weather

1.8.4 Autoclavability: Autoclavable.

1.8.5 Manufactured in Aseptic Environment

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

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

*The expiry of Sealing Mats with glue is generally 3 years. Because there is glue on the Mats, and the company's storage environment will affect the stickiness of the glue, the default validity period is one year. If the conditions do not meet.

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Autoclaving Guideline for Plastics

All plastic consumables are Autoclavable at 121⁰C for 20 minutes, 15 psi/1atm. Do not use dry cycle as this may cause deformation or weakening of 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, 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.

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Abdos Labtech Pvt. Ltd.
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Manufactured & Marketed By :
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Quality Manager

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