

# Technical Data Sheet

Doc No – Ab/TDS/PCR-107

Rev No: 06 Date 02/2022-23

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Sealing Mats, Silicon Rubber**

**Valid for Cat. No. P10721, P10731**

### **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 has to be compressed. A plug that caps the individual well seals each well on the PCR plate.

1.1.3 Sealings mats are autoclavable.

#### **Design:**

Sealing Mats designed to seal all PCR plates.

#### **1.3 Performance Specification:**

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

#### **1.4 Material:**

1.4.1 Silicon Rubber, confirm US FDA 21CFR

1.4.5 Materials has successful passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.6 Free from Heavy metals, RoHS Free according to meets relevant requirements of EU regulations 1935/2004/CE, 2002/95/EC as amended, UE 10/2011 as amended. EU CONEG & it's following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water

1.4.7 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.

#### **1.5 Color:**

Translucent (Natural)



Abdos Labtech Private Limited  
(A Division of Abdos Group)  
(An ISO 9001,13485,14001,18385,GMP & CE certified company)  
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## 1.6 Quality control:

Product 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](http://www.abdoslifesciences.com))

## Autoclaving Guideline for Plastics

All plastic consumable are Autoclavable at 121°C 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 50°C 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.

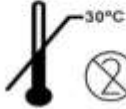


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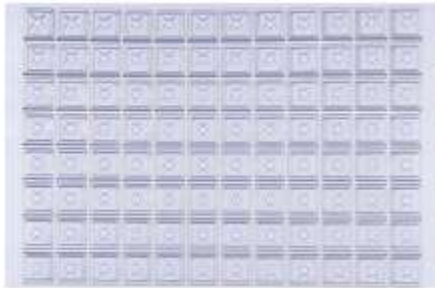
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