

Technical Data Sheet

Doc No – Ab/TDS/PCR-105

Rev No: 03 Date 01/2021

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Sealing Mats, Silicon Rubber

Valid for Cat. No. P10721

1. Description/Specification

1.1 Description: Sealing Mats, Silicon Rubber.

1.1.1 These mats are made up of silicon rubber and designed to seal all PCR plates except P10717.

1.1.2 The mat is made up of 96 (12x8 array) plugs.

1.1.3 The mat has to be compressed. A plug that caps the individual well Seals each well on the PCR plate.

1.2 Design:

Sealing Mats designed to seal all PCR plates.

1.3 Performance Specification:

Code	Type	No. per Case
P10721	Silicone Sealing Mats	50 mats

1.4 Material:

1.4.1 Silicon Rubber, confirm US FDA 21CFR

1.4.2 Complies with requirement accordance with article of regulation (EC) No. 1907/2006 and its amendments.

1.4.3 Complies with the requirement of European Pharmacopoeia, 7th edition (2011) & its supplements 7.5 (07/2012) monographs 3.2.2 Plastic Containers and closures for Pharmaceutical use.

1.4.4 The product has passed the USP testing including class VI tests & has been assigned the FDA Drug master file DMF 12123

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



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CIN : U85100WB2008PTC123903

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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. No materials containing latex or natural rubber are used in the Manufacturing, handling & packaging process for this product.

1.5 Color:

Translucent (Natural)

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

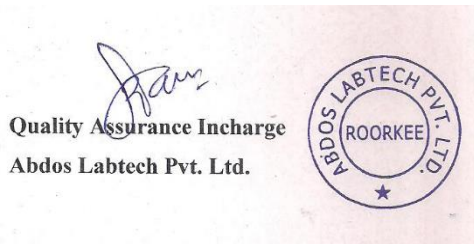
1.8.2 Synthetic elastomer in which silicon atoms are linked together by oxygen atoms.

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)



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