

Technical Data Sheet

Doc No–Ab/TDS/UTL-207

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

ABDOS N95 Respirator Mask

Valid for Catalog No. U20417A, U20418A

1. Description/Specification

1.1 Description: Respiratory Mask

1.1.1 These mask are disposable respirators that provide protection from air particulates.

1.1.2 Large breathing chambers. The ABDOS N95 Mask is composed of six layers of filters. The outermost layer filters out the largest dust particles, the innermost layer preserves the respirator's shape and the middle layer is composed of electrostatic filter media. It has the ability of this respirator mask to filter above 95 percent of 0.3-micron particulate dusts. Scientific research has proven that for all dust particles sizes, 0.3 micron dust are the most difficult to filter effectively.

1.1.3 Option of exhalation valve, foam on the entire sealing surface and layer of carbon to provide odor relief from nuisance level or gases and vapor.

1.1.4 N95 masks are Prevent from air particulate not contain Oil. This mask is used as a disposable face mask for respiratory protection against fine dust particles, solid & liquid aerosols.

1.1.5 DRDE approved & FFP2

1.1.6 ISO 9001, 13485, 22609 & CE certified

1.2 Design: N95 Mask /Cup shape

1.2.1 Printed on mask

1.3 Performance Specifications:

Code	Description	Size	Colour	No. Per Case
U20417A	N 95 Particulate respirator without Valve	Regular	Grey/White	100(10pcs per pack)
U20418A	N 95 Particulate respirator with Valve	Regular	Grey/White	100(10pcs per pack)

1.4 Color: Grey/White

1.5 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



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various characteristics in accordance with the valid specification, inspection reviewed & signed for product release.

1.6 Other information:

- 1.6.1 Excellent clarity and visibility.
- 1.6.2 High chemical stability during work.
- 1.6.3 Disposable mask for single use.
- 1.6.4 These masks are suitable for use during handling harmful chemicals.
- 1.6.5 Bacterial Filtration Efficiency >95%
- 1.6.6 Confirm Minimum Splash Resistance Pressure
- 1.6.7 Satisfy all regulations of all accredited NABL labs
- 1.6.8 Particulate Filtration Efficiency >95%
- 1.6.9 Confirms FFP2 as BIS: IS: 9473-2002
- 1.6.10 This respirator contains no components made from natural rubber
- 1.6.11 Adjustable nose clip
- 1.6.12 Can be folded when not in use and slipped easily into the pocket
- 1.6.13 Welded elastic band for comfortable fitting on every face
- 1.6.14 Country of origin INDIA
- 1.6.15 **Chemical resistance:** See website (www.abdoslifesciences.com)
- 1.6.16 Manufactured in Aseptic Environment

1.7 Instruction to Use:

1.7.1 Failure to follow all instructions and limitations concerning the use of the respirator and/or failure to wear the respirator for the whole duration of exposure to contaminants can seriously reduce the performance characteristics of the respirator and lead to illness, injury or death.

1.7.2 Before use, the wearer must first be trained in the correct use of the respirator in accordance with applicable safety and health standards.

1.7.3 Discard the respirator and replace with new one if :

- Excessive clogging of the respirator causes breathing difficulty.
- The respirator becomes damaged.

1.8 Use Limitations/Warnings:

1.8.1 DO NOT use the respirator or enter or stay in a contaminated area under the following circumstances:

- Atmosphere contains less than 19.5% oxygen.
- Atmosphere contains oil aerosols if using N protection class respirator.
- For protection against gases or vapors.
- For sandblasting, paint-spray operations, asbestos.

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1.8.2 DO NOT modify or misuse the respirator.

1.8.3 DO NOT use the respirator with beards or other facial hair that interferes with direct contact between the face and the edge of the respirator, or any other conditions that may prevent a good face-seal.

1.9 Storage:

The respirator should be stored at the area which is well-ventilated, avoids direct sun exposure and dry area. Keep away from fire and pollution.

Storage temperature range is -20°C to 38 °C. Maximum relative humidity <80%.

2.0 Attention:

Misuse of this respirator may result in occupational illness, for proper use see the instructions on packaging or contact at abdoslifesciences.com

U20417A



U20418A



Instruction for Use

Storage temp. Max 30°C

Before using the product check tear 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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