

# Technical Data Sheet

Doc No–Ab/TDS/UTL-201

Rev No: 06 Date 02/2022-23

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Autoclavable Bags, PP**

**Valid for Catalog No. U40108, U40109, U40112, U40113**

### **1. Description/Specification**

#### **1.1 Description:** Autoclavable Bags, PP

1.1.1 These polypropylene autoclavable bags made of 55 micron thickness are used for autoclave Petri dishes, membrane filters, cell culture flask, pipettes, culture plates and other plastic products.

1.1.2 These bags are transparent.

#### **1.2 Design:**

Rectangular shaped Autoclavable Bags

#### **1.3 Performance Specifications:**

Code	Weight (g)	Size (inch) (WxL)	Vol. (Ltr)	No. Per Case
<b>U40108</b>	22	16 x 18	12	100
<b>U40109</b>	28	16 x 24	16	100
<b>U40112</b>	9	8 x 12	4	100
<b>U40113</b>	21	12 x 24	12	100

#### **1.4 Material:**

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

1.4.2 The product has passed the USP testing including class VI tests , Materials has successful passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.3 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

1.4.4 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:** Transparent Natural



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(A Division of Abdos Group)  
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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 Can be autoclaved.

1.7.2 Better chemical stability.

1.7.3 These bags are higher temperature resistant.

1.7.4 Highly transparent, elastic thermoplastic.

**1.8 Chemical resistance:** See website ([www.abdoslifesciences.com](http://www.abdoslifesciences.com))

**1.9** Manufactured in Aseptic Environment

## Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121<sup>0</sup>C for 20 minutes, 15 psi/1atm. Do not use a dry cycle as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to at least 50<sup>0</sup>C before removing product.

## Instruction for Use

Product can be used for food contact also.

Storage temp. Max 30<sup>0</sup>C

Before using the product check crackness, pouch punctured etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimen.

## WARNING

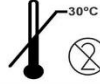
**DO NOT** store strong oxidizing agents.

**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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