

# TECHNICAL DATA SHEET

Doc No – Ab/TDS/UTL-00  
Rev No: 00 Date- 00/2025-26

**Abdos Labtech Pvt. Ltd.**  
**Biohazard Autoclave Disposable Bags Pro with Indicator Patch, PP**

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**Valid for Catalog No.**

**U40205, U40206, U40203, U40204, U40214, U40220**

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

## **1. Description/Specification**

**1.1 Description:** Biohazard Autoclave Disposable Bags Pro with Indicator Patch, PP (Polypropylene) & HMHDPE (High Molecular High-Density Polyethylene)

1.1.1 PP bags are easy to open and are used to dispose used Micro tips, Tubes and other plastic products, made of 65 micron/260 gauge thickness.

1.1.2 These bags are printed with biohazard symbol, writing indicator white patch & pass ASTM 1922 tear resistance and ASTM 1709 dart impact tests.

1.1.3 Polypropylene bags include black biohazard symbol and precautionary procedures printed in five languages (Hindi, English, Spanish, French, and German) for added safety.

1.1.4 These bags are easy to open and close and used to dispose biohazard waste and other plastic laboratory disposables.

1.1.5 High temperature steam autoclavable to 135°C (275°F).

**1.2 Design:** Rectangular shaped Biohazard Autoclave Disposable Bags

**1.3 Performance Specifications: For HMHDPE (High Molecular High Density Polyethylene) with indicator patch 55 micron/220 gauge thickness**

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Code	Colour & Autoclave Temp.	Weight (gm) Approx	Size (inch)(WxL)	Vol. (Ltr)	No. Per Case
U40220R	Red, 121°C	118	42 x 42	74	100
U40220Y	Yellow, 121°C	118	42 x 42	74	100

For PP (Polypropylene) with patch indicator @ 65 micron/260gauge thickness

Code	Colour & Autoclave Temp.	Weight (gm) Approx	Size (inch) (WxL)	Vol. (Ltr)	No. Per Case
U40203R	Red, 135°C	31	18 x 22	16	200
U40203Y	Yellow, 135°C	31	18 x 22	16	200
U40204R	Red, 135°C	69	25 x 35	37	200
U40204Y	Yellow, 135°C	69	25 x 35	37	200
U40205R	Red, 135°C	17	12 x 18	9	200
U40205Y	Yellow, 135°C	17	12 x 18	9	200
U40206R	Red, 135°C	23	12 x 24	12	200
U40206Y	Yellow, 135°C	23	12 x 24	12	200
U40214R	Red, 135°C	60	24x31.5	32	200
U40214Y	Yellow, 135°C	60	24x31.5	32	200

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### **1.4 Material:**

1.4.1 Polypropylene (PP), Hydrophobic & HMHDPE (High Molecular High-Density Polyethylene) confirm US FDA 21CFR

1.4.2 Free from Heavy metals, It is safe 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.

**1.5 Color:** Red, Yellow

### **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 Biohazard bags are autoclavable PP- (135<sup>0</sup>C) & HMHDPE- (121<sup>0</sup>C)

1.7.2 Better chemical stability.

1.7.3 These bags are higher temperature resistant.

1.7.4 Highly transparent, elastic thermoplastic.

1.7.5 Size & colour options are available on request.

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

1.7.7 Manufactured in Aseptic Environment

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1.7.9 Sterilization patch turns dark when subjected to steam sterilization

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

### **Autoclaving Guideline for Plastics**

All plastic consumables are autoclavable at 135<sup>0</sup>C for 60 minutes, 30 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°C  
Before using the product check crackness, pouch punctured etc.  
Check all the information printed on pouches or boxes.  
Always wear gloves while handling specimens.

### **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.

Manufactured & Marketed By :

**Abdos Labtech Private Limited**

Plot No. 1 Lakshwari Bhagwanpur Roorkee 247667 (UK) India

For Complaints/Feedback Contact Customer Care at above address or

Ph.: +91-011-41081897 or Email us at labtech@abdosindia.com

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Abdos Labtech Private Limited  
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