

TECHNICAL DATA SHEET

Doc No – Ab/TDS/UTL-195
Rev No: 10 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Biohazard Disposable Bags, PP

Valid for Catalog No.

U40103, U40104, U40105, U40106, U40107, U40114, U40120

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

1. Description/Specification

1.1 Description: Biohazard Disposable Bags, 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 55 micron/220 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 four languages (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 Disposable Bags

1.3 Performance Specifications: For HMHDPE (High Molecular High Density Polyethylene)

Code	Colour & Autoclave Temp.	Weight (gm) Approx	Size (inch)(WxL)	Vol. (Ltr)	No. Per Case
U40103	Red, 121°C	27	18 x 22	16	200

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U40103Y	Yellow, 121°C	27	18 x 22	16	200
U40104	Red, 121°C	59	25 x 35	37	200
U40104Y	Yellow, 121°C	59	25 x 35	37	200
U40105	Red, 121°C	15	12 x 18	9	200
U40105Y	Yellow, 121°C	15	12 x 18	9	200
U40106	Red, 121°C	20	12 x 24	12	200
U40106Y	Yellow, 121°C	20	12 x 24	12	200
U40120	Red, 121°C	118	42 x 42	74	100
U40120Y	Yellow, 121°C	118	42 x 42	74	100
U40120T	Natural, 121°C	118	42 x 42	74	100
U40107	Red, 121°C	26	16x24.5	17	200
U40107Y	Yellow, 121°C	26	16x24.5	17	200
U40114	Red, 121°C	50	24x31.5	32	200
U40114Y	Yellow, 121°C	50	24x31.5	32	200
U40104	Red, 121°C	59	25 x 35	37	200
U40104Y	Yellow, 121°C	59	25 x 35	37	200

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For PP (Polypropylene)

Code	Colour & Autoclave Temp.	Weight (gm) Approx	Size (inch)(WxL)	Vol. (Ltr)	No. Per Case
U40103P	Red, 135°C	27	18 x 22	16	200
U40103YP	Yellow, 135°C	27	18 x 22	16	200
U40103T	Transparent, 135°C	27	18 x 22	16	200
U40104P	Red, 135°C	59	25 x 35	37	200
U40104YP	Yellow, 135°C	59	25 x 35	37	200
U40104T	Transparent, 135°C	59	25 x 35	37	200
U40104TNP	Transparent Non-Printed, 135°C	59	25 x 35	37	200
U40105P	Red, 135°C	15	12 x 18	9	200
U40105YP	Yellow, 135°C	15	12 x 18	9	200
U40105T	Transparent, 135°C	15	12 x 18	9	200
U40106P	Red, 135°C	20	12 x 24	12	200
U40106YP	Yellow, 135°C	20	12 x 24	12	200
U40106T	Transparent, 135°C	20	12 x 24	12	200
U40107P	Red, 135°C	26	16x24.5	17	200
U40107YP	Yellow, 135°C	26	16x24.5	17	200

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U40107T	Transparent, 135°C	26	16x24.5	17	200
U40114P	Red, 135°C	50	24x31.5	32	200
U40114YP	Yellow, 135°C	50	24x31.5	32	200
U40114T	Transparent, 135°C	50	24x31.5	32	200

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, Natural

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°C) & HMHDPE- (121°C)

1.7.2 Better chemical stability.

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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)

1.7.7 Manufactured in Aseptic Environment

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°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°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.

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Abdos Labtech Pvt. Ltd.
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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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Quality Manager

Abdos Labtech Private Limited

Employee Code 30110

