

# Technical Data Sheet

Doc No–Ab/TDS/UTL-201

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## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Biohazard Disposable Bags, PP**

**Valid for Catalog No. U40103, U40104, U40105, U40106, U40114, U40120**

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

#### **1.1 Description:** Biohazard Disposable Bags, PP

1.1.1 Bright red colour 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:**

<b>Code</b>	<b>Weight (gm) Approx</b>	<b>Size (inch)(WxL)</b>	<b>Vol. (Ltr)</b>	<b>No. Per Case</b>
<b>U40103</b>	27	18 x 22	16	200
<b>U40104</b>	59	25 x 35	37	200
<b>U40105</b>	15	12 x 18	9	200
<b>U40106</b>	20	12 x 24	12	200
<b>U40120</b>	118	42 x 42	74	100
<b>U40114</b>	50	24x31.5	32	100



**Shiv Ganga Industrial Estate,**  
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## 1.4 Material:

1.4.1 Polypropylene (PP), Hydrophobic, 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, 7<sup>th</sup> 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.

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:** Red, Yellow, 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 Biohazard bags are autoclavable

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.

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



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## 1.9 Manufactured in Aseptic Environment

### Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121°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°C before removing product.



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