

# Technical Data Sheet

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## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Volumetric Flask – TPX Class B**

**Valid for Catalog No. P50101, P50102, P50103, P50104, P50105, P50106**

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

#### **1.1 Description:**

TPX Volumetric Flask

1.1.1 These Flasks are made from Glass like TPX offering excellent clarity.

1.1.2 These Volumetric Flask Come with polypropylene stopper.

1.1.3 Meet accuracy requirements of class B under “ISO 1042”.

1.1.4 Supplied with conformity test certificate that indicates batch number & year of Production.

1.1.4 These flasks are recommended to be washed at max 60°C.

#### **1.2 Design:**

Volumetric Flask

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

Code	Capacity (ml)	Error limit (+_ml)	Bulb Dia (mm)	Height with Stopper (mm)	Neck Size	No./Case
P50101	25	0.08	40	115	10/19	1
P50102	50	0.12	50	150	12/21	1
P50103	100	0.20	60	180	14/23	1
P50104	250	0.30	80	235	19/26	1
P50105	500	0.50	100	270	19/26	1
P50106	1000	0.80	125	310	24/29	1

#### **1.4 Material:**

1.4.1 TPX- Polymethylpentene (PMP), confirm US FDA 21CFR

1.4.2 Complies with the requirement of European Pharmacopoeia, Plastic Containers and closures for Pharmaceutical use.

1.4.3 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.



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1.4.4 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 & its following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water

1.4.5 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:

Translucent (Natural)

## 1.6 Graduations:

Meet accuracy requirements of class B under "ISO 1042"

## 1.7 Sterilization:

NA

## 1.8 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 amendments.

## 1.9 Other Information:

Reusable, can be autoclaved up to 10 autoclave cycle.

## 2. Basic Features

### 2.1 Made up of Polymethylpentene (TPX)

2.1 Temperature range: -80°C to +175°C

2.3 Autoclavability: Yes, Autoclavable at 15 psi and 121°C for 20 minutes

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

2.5 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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## Instruction for Use

Product can be used for food contact also.  
Storage temp. Max 30°C  
Before using the product check crackness 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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