



PlastX Labs

Catalogue 2022-23

www.plastx.in

**Factory Address:**

PLASTX LABS PRIVATE LIMITED
28-B, Kasna Industrial Area,
Ecotech-1, Sec 31, Greater Noida, UP-201310, India



Introduction

Welcome to the Latest Edition of
PlastX Labs Product Catalog!

PlastX Labs Pvt. Ltd. are manufacturers of high-grade plastic laboratory consumables and disposables. With a rich experience and expertise of our management in plastic and laboratory ware, we started manufacturing of plastic labware in 2005. Our facility is located in Greater Noida, which is 45 minutes from New Delhi, India. Spread over a vast area of 40,000 sq.ft, we have a clean room facility and in-house mould development and repairing facility.

Very recently, we have started a new segment to focus on sterile products for microbiology and biotechnology applications. Some of the products, like sterile bottles, sterile spatulas and sterile scoops for sampling, and soft loops & spreaders for quality testing, have been added to our portfolio of products. We hope that our new product range will help analysts simplify their testing process. Not to mention, it will save ample time.

We have a distribution network of 75 distributors all over India and abroad. With the help of exporter clientele, we are able to reach the end-user of almost 25 countries. We thank our associated distributors and exporters for their endless support and confidence in us.

Office Address:

PLASTX LABS PRIVATE LIMITED

Off: A-245, Okhla Industrial Area, Phase 1, Delhi - 110020, India

Tel No.: 011-45100100 | Mob No.: +91 9999790300

Quality Control Process

01

Initial Check

Check for contaminants, strength and aesthetics in all incoming raw materials, consumables and packaging materials, as per specifications agreed with the supplier.

03

Laboratory Application Tests

Our in-house labs perform the necessary application tests for physical, chemical and biological functions and certify if the products are fit to be dispatched.

02

On-line Quality Inspection

Product quality checks during the manufacturing process is based on Standard Testing Protocols. All improvements are made if any deviations arise during manufacturing.

04

Final Pre-Dispatch Audit

Products are tested for proper verification of labels, packaging and documents. All further verification of lot numbers, expiry dates, and manufacturing dates is performed before the final dispatch.

Quality Certifications

Products from PlastX Pvt. Ltd. provide the following certifications and application dependent features.



QUALITY MANAGEMENT SYSTEM
complying with the requirements of Standard
ISO 9001:2015

QUALITY MANAGEMENT SYSTEM
complying with the requirements of Standard
EN ISO 13485:2016
Medical Devices – Quality Management Systems
Requirements for regulatory purposes



Nomenclature

ACCURACY STANDARDS ISO



IVD CERTIFIED



USP CLASS 6 APPROVED RAW MATERIAL



DNASE RNASE FREE



ENDOTOXIN FREE



ATP & PYROGEN FREE



HUMAN DNA FREE



PRODUCT SUITABLE FOR FOOD USE



HEAVY METAL FREE



LEAK-PROOF TESTED 635 MM/HG



CE CERTIFIED



STERILE (GAMMA IRRIDIATATION / ETHYLENE OXIDE/ E BEAM)



GC/MS (GAS CHROMATOGRAPHY & MASS SPECTROPHOTOMETRY TEST)



AUTOCLAVABLE



NON STERILE



RACK PACK



STACK PACK



BULK PACK



INDIVIDUAL PACK



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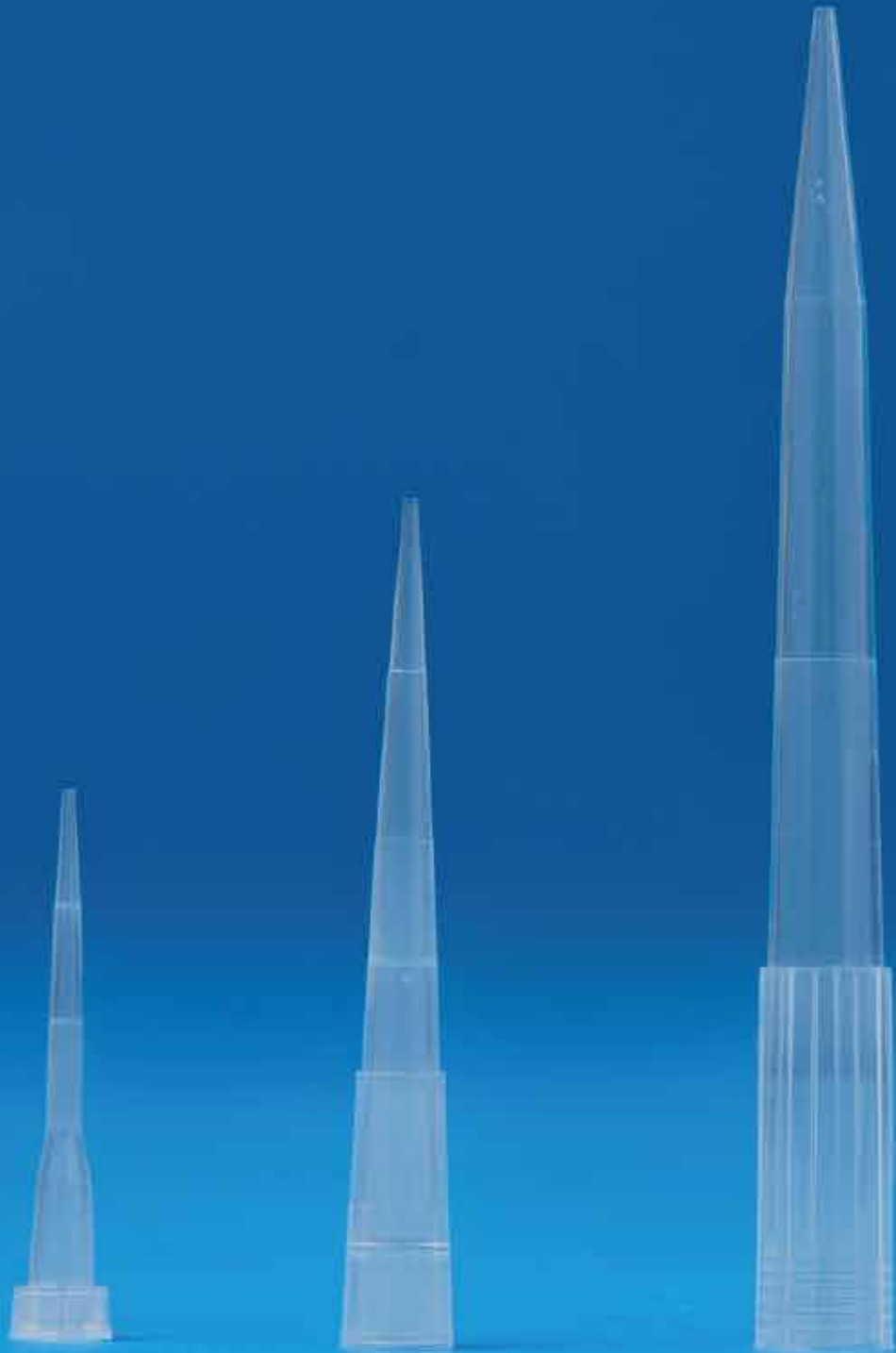
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01.

Liquid Handling Products

MICROTIPS

Features



No Contamination: Produced in fully automatic, human touch-free production facility.



Made from high quality diamond finish mould using FDA approved special medical grade virgin polypropylene with high transparency.



Free from DNase, RNase, Human DNA, Pyrogen & PCR inhibitor. Ideal match for highly sensitive PCR work.



Free of Lubricants and heavy metals.



Innovative design for adaptability with a wide range of pipettes with minimum force requirement for loading & ejection.



Precisely engineered to ensure that the dispensed liquid is predictable and precise for every single tip.



Graduation marks minimize any risk of errors during sample aspiration.



Unique label coding in packaging for easy identification.



MICROTIPS

Size and Compatibility

MICRO TIPS	CAPACITY	LENGTH	MICROPIPETTE COMPATIBILITY
	10UL	44MM	BIOHIT, EPPENDORF, FINNIPIPET, NISHIRIYO, RAININ, PLASTX
	10UL XL/20UL	44MM	BIOHIT, EPPENDORF, FINNIPIPET, NISHIRIYO, RAININ, PLASTX
	200UL	53MM	BIOHIT, EPPENDORF, FINNIPIPET, NISHIRIYO, RAININ, PLASTX
	1000UL	83MM	BIOHIT, EPPENDORF, FINNIPIPET, NISHIRIYO, RAININ, PLASTX

MICRO TIPS FILTER	CAPACITY	LENGTH	MICROPIPETTE COMPATIBILITY
	10UL	44MM	BIOHIT, EPPENDORF, FINNIPIPET, NISHIRIYO, RAININ, PLASTX
	20UL	53MM	BIOHIT, EPPENDORF, FINNIPIPET, NISHIRIYO, RAININ, PLASTX
	200UL	53MM	BIOHIT, EPPENDORF, FINNIPIPET, NISHIRIYO, RAININ, PLASTX
	1000UL	83MM	BIOHIT, EPPENDORF, FINNIPIPET, NISHIRIYO, RAININ, PLASTX

PACKING OPTIONS

BULK PACK



Packed in resealable Polyethylene bag with easy tearing
Perforation & zip lock- double sealing provides better protection
against contamination and spillage
Free from DNase, RNase, Human DNA, Pyrogen & PCR inhibitor



RACK PACK



Fully autoclavable & stackable
Don't require manual accumulation in empty boxes
Color coded tray for easy identification
Free from DNase, RNase, Human DNA, Pyrogen & PCR inhibitor



STACK PACK



Offered in prefilled trays that can be directly loaded in the box.
Saves time and cost of manual accumulation.
12x8 array to align the content in the box.



INDIVIDUAL PACK



Supplied in individually sealed format.
Free from DNase, RNase and pyrogen.
Gamma sterilized.
Ideal for highly sensitive micro biological and
Biotechnological application.



01.

GRADUATED MICRO TIPS BULK

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
171010	GRADUATED MICRO TIPS BULK PACK	0.2 -10 UL	POLYPROPYLENE	1000	96 Pkt
171015	GRADUATED MICRO TIPS BULK PACK	10XL / 20 UL	POLYPROPYLENE	1000	96 Pkt
171030	GRADUATED MICRO TIPS BULK PACK	2-200UL NATURAL	POLYPROPYLENE	1000	96 Pkt
171021	GRADUATED MICRO TIPS BULK PACK	2-200UL YELLOW	POLYPROPYLENE	1000	96 Pkt
171040	GRADUATED MICRO TIPS BULK PACK	200-1000UL NATURAL	POLYPROPYLENE	500	96 Pkt
171060	GRADUATED MICRO TIPS BULK PACK	200-1000UL BLUE	POLYPROPYLENE	500	96 Pkt



02.

GRADUATED MICRO TIPS BULK

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
171080	GRADUATION MCRO TIPS	5 ML	POLYPROPYLENE	100
171090	GRADUATION MCRO TIPS	10 ML	POLYPROPYLENE	100



03.

GRADUATED MICRO TIPS RACKED

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
172010	GRADUATED MICRO TIPS RACKED	0-10UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
172012	GRADUATED MICRO TIPS RACKED	10XL / 20 UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
172030	GRADUATED MICRO TIPS RACKED	2-200UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
172032	GRADUATED MICRO TIPS RACKED	2-200UL YELLOW	POLYPROPYLENE	960 (10 Racks)	10 Pkt
172040	GRADUATED MICRO TIPS RACKED	200-1000UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
172042	GRADUATED MICRO TIPS RACKED	200-1000UL BLUE	POLYPROPYLENE	960 (10 Racks)	10 Pkt



04.

GRADUATED MICRO TIPS RACKED STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
173010	GRADUATED MICRO TIPS RACKED STERILE	0-10UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
173011	GRADUATED MICRO TIPS RACKED STERILE	10XL / 20 UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
173030	GRADUATED MICRO TIPS RACKED STERILE	2-200UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
173031	GRADUATED MICRO TIPS RACKED STERILE	2-200UL YELLOW	POLYPROPYLENE	960 (10 Racks)	10 Pkt
173040	GRADUATED MICRO TIPS RACKED STERILE	200-1000UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
173041	GRADUATED MICRO TIPS RACKED STERILE	200-1000UL BLUE	POLYPROPYLENE	960 (10 Racks)	10 Pkt



MICRO TIPS LOW RETENTION

- PlastX LR tips have a unique hydrophobic design, which lets all liquids roll without any retention.
- The tips optimise the conventional polypropylene surfaces and have very low co-efficient of friction and hence low surface retention.
- PlastX LR tips help in waste prevention of any samples in the laboratory.

05. GRADUATED MICRO TIPS LOW RETENTION BULK

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
174010	GRADUATED MICRO TIPS LOW RETENTION BULK PACK	0-10UL	POLYPROPYLENE	1000	24 Pkt
174011	GRADUATED MICRO TIPS LOW RETENTION BULK PACK	10XL / 20 UL	POLYPROPYLENE	1000	24 Pkt
174030	GRADUATED MICRO TIPS LOW RETENTION BULK PACK	2-200UL NATURAL	POLYPROPYLENE	1000	24 Pkt
174040	GRADUATED MICRO TIPS LOW RETENTION BULK PACK	200-1000UL NATURAL	POLYPROPYLENE	500	24 Pkt



06. GRADUATED MICRO TIPS LOW RETENTION RACKED

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
175010	GRADUATED MICRO TIPS LOW RETENTION RACKED	0-10UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
175011	GRADUATED MICRO TIPS LOW RETENTION RACKED	10XL / 20 UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
175030	GRADUATED MICRO TIPS LOW RETENTION RACKED	2-200UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
175040	GRADUATED MICRO TIPS LOW RETENTION RACKED	200-1000UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt



07. GRADUATED MICRO TIPS LOW RETENTION RACKED STERILE

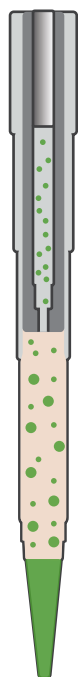
Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
176010	GRADUATION MICRO TIPS LOW RETENTION RACKED STERILE	0-10UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
176020	GRADUATION MICRO TIPS LOW RETENTION RACKED STERILE	10XL / 20 UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
176030	GRADUATION MICRO TIPS LOW RETENTION RACKED STERILE	2-200UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
176040	GRADUATION MICRO TIPS LOW RETENTION RACKED STERILE	200-1000UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt



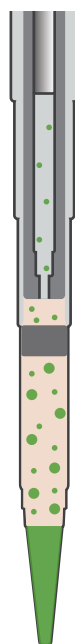
Standard Tip Low Retention Tip

PLASTX MICRO TIPS FILTER

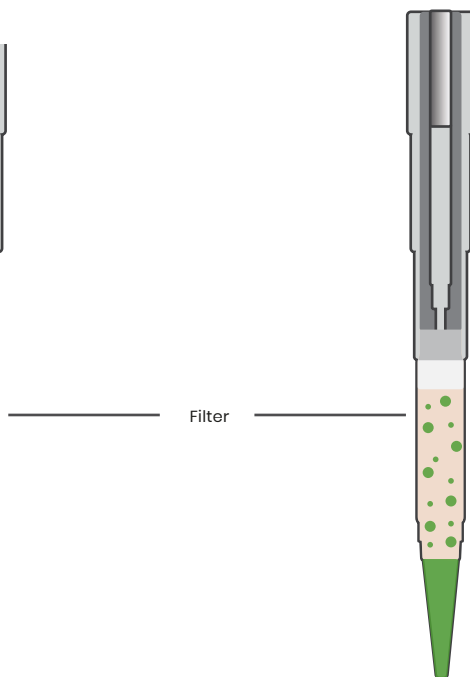
- PlastX filter tips have hydrophobic polyethylene filters which help protect the sample from aerosols.
- They provide a barrier to all contaminants, due to their aerosol blocking technology.
- PlastX Filter Tips are ideal for microbiology, cell culture and radioactive applications.



**NON FILTER
PIPETTE TIPS**



**SELECTIVE BARRIER
PIPETTE TIPS**



PLASTX FILTER TIPS

08. GRADUATED MICRO TIPS FILTER BULK

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
177010	GRADUATION MICRO TIPS FILTER BULK PACK	0-10UL	POLYPROPYLENE	1000	24 Pkt
177020	GRADUATION MICRO TIPS FILTER BULK PACK	10XL / 20 UL	POLYPROPYLENE	1000	24 Pkt
177030	GRADUATION MICRO TIPS FILTER BULK PACK	2-200UL NATURAL	POLYPROPYLENE	1000	24 Pkt
177040	GRADUATION MICRO TIPS FILTER BULK PACK	200-1000UL NATURAL	POLYPROPYLENE	500	24 Pkt



09. GRADUATED MICRO TIPS FILTER RACKED STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
178010	GRADUATION MICRO TIPS FILTER RACKED STERILE	0-10UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
178011	GRADUATION MICRO TIPS FILTER RACKED STERILE	10XL / 20 UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
178030	GRADUATION MICRO TIPS FILTER RACKED STERILE	2-200UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
178040	GRADUATION MICRO TIPS FILTER RACKED STERILE	200-1000UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt



10. GRADUATED MICRO TIPS LOW RETENTION FILTER BULK

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
179010	GRADUATION MICRO TIPS LOW RETENTION FILTER BULK PACK	0-10UL	POLYPROPYLENE	1000	24 Pkt
179011	GRADUATION MICRO TIPS LOW RETENTION FILTER BULK PACK	10XL / 20 UL	POLYPROPYLENE	1000	24 Pkt
179030	GRADUATION MICRO TIPS LOW RETENTION FILTER BULK PACK	2-200UL NATURAL	POLYPROPYLENE	1000	24 Pkt
179040	GRADUATION MICRO TIPS LOW RETENTION FILTER BULK PACK	200-1000UL NATURAL	POLYPROPYLENE	500	24 Pkt



11. GRADUATED MICROTIP FILTER LOW RETENTION RACK STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
179050	GRADUATED MICROTIP FILTER LOW RETENTION RACK STERILE	10UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
179051	GRADUATED MICROTIP FILTER LOW RETENTION RACK STERILE	10 UL XL / 20UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
179052	GRADUATED MICROTIP FILTER LOW RETENTION RACK STERILE	200UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
179053	GRADUATED MICROTIP FILTER LOW RETENTION RACK STERILE	1000UL	POLYPROPYLENE	576 (6 Racks)	10 Pkt



12. GRADUATED MICRO TIPS RELOAD

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
179061	GRADUATED MICRO TIPS RELOAD	0-10UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
179062	GRADUATED MICRO TIPS RELOAD	2-200UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
179063	GRADUATED MICRO TIPS RELOAD	200-1000UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt



13. GRADUATED LOW RETENTION MICRO TIPS RELOAD

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
179071	GRADUATION LOW RETENTION MICRO TIPS RELOAD	0-10UL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
179073	GRADUATION LOW RETENTION MICRO TIPS RELOAD	2-200UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt
179074	GRADUATION LOW RETENTION MICRO TIPS RELOAD	200-1000UL NATURAL	POLYPROPYLENE	960 (10 Racks)	10 Pkt



14. GRADUATED MICRO TIPS INDIVIDUAL PACK STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
171011	GRADUATED MICRO TIPS INDIVIDUAL PACK STERILE	0-10UL	POLYPROPYLENE	400	24 Pkt
171012	GRADUATED MICRO TIPS INDIVIDUAL PACK STERILE	2-200UL NATURAL	POLYPROPYLENE	400	24 Pkt
171013	GRADUATED MICRO TIPS INDIVIDUAL PACK STERILE	200-1000UL NATURAL	POLYPROPYLENE	400	24 Pkt



15. GRADUATED MICRO TIPS LOW RETENTION INDIVIDUAL PACK, STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
176011	GRADUATED MICRO TIPS LOW RETENTION INDIVIDUAL PACK STERILE	0-10UL	POLYPROPYLENE	400	24 Pkt
176012	GRADUATED MICRO TIPS LOW RETENTION INDIVIDUAL PACK STERILE	2-200UL NATURAL	POLYPROPYLENE	400	24 Pkt
176013	GRADUATED MICRO TIPS LOW RETENTION INDIVIDUAL PACK STERILE	200-1000UL NATURAL	POLYPROPYLENE	400	24 Pkt



16/17. GRADUATED MICRO TIPS FILTER INDIVIDUAL PACK, STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
178020	GRADUATION MICRO TIPS FILTER INDIVIDUAL PACK, STERILE	0-10UL	POLYPROPYLENE	400	24 Pkt
178022	GRADUATION MICRO TIPS FILTER INDIVIDUAL PACK, STERILE	2-200UL NATURAL	POLYPROPYLENE	400	24 Pkt
178023	GRADUATION MICRO TIPS FILTER INDIVIDUAL PACK, STERILE	200-1000UL NATURAL	POLYPROPYLENE	400	24 Pkt
171085	GRADUATION FILTER MICRO TIPS INDIVIDUAL PACK, STERILE	5 ML	POLYPROPYLENE	100	
171095	GRADUATION FILTER MICRO TIPS INDIVIDUAL PACK, STERILE	10 ML	POLYPROPYLENE	100	



18. GRADUATED MICRO TIP LOW RETENTION FILTER INDIVIDUAL PACK, STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
179011	GRADUATION MICRO TIP FILTER LOW RETENTION INDIVIDUAL PACK, STERILE	0-10UL	POLYPROPYLENE	400	24 Pkt
179012	GRADUATION MICRO TIP FILTER LOW RETENTION INDIVIDUAL PACK, STERILE	2-200UL NATURAL	POLYPROPYLENE	400	24 Pkt
179013	GRADUATION MICRO TIP FILTER LOW RETENTION INDIVIDUAL PACK, STERILE	200-1000UL NATURAL	POLYPROPYLENE	400	24 Pkt



19. MICROPIPETTES VARIABLE VOLUME FULLY AUTOCLAVABLE

Features



-  High Accuracy And Precision Guaranteed
-  Ergonomic & Light Weight Design
-  Easy Click Stop Volume Setting
-  Individual Serial No. Permanently Marked On Each Pipette For Easy Traceability
-  Calibrated As Per ISO 8655 In ISO 17045 Accredited Lab
-  Ideal Shaft Shape Helps The Pipette Reach Contents In Narrow Or Deep Tubes.
-  Comfortable finger support helps in prolonged pipetting operation with less fatigue.
-  Two Step Plunger Operation Allows Forward & Reverse Pipetting Technique
-  Fully Autoclavable without disassembly
-  2 Years Standard Warranty
-  Narrow shaft allows easy pipetting into narrow vessels
-  Tip Ejector allows smooth one-hand ejection of the tip without any contamination
-  Corrosion resistant Tip Cone made of PVDF (Polyvinylidene Fluoride). Compatible With Wide Range of Tips

Code	Item Description	Capacity	Increment	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
140101	MICROPIPETTES VARIABLE VOLUME FULLY AUTOCLAVABLE	0.5-10UL	0.1	1	6 Pkt
140102	MICROPIPETTES VARIABLE VOLUME FULLY AUTOCLAVABLE	2-20UL	0.1	1	6 Pkt
140103	MICROPIPETTES VARIABLE VOLUME FULLY AUTOCLAVABLE	5-50UL	0.5	1	6 Pkt
140104	MICROPIPETTES VARIABLE VOLUME FULLY AUTOCLAVABLE	10-100UL	0.5	1	6 Pkt
140108	MICROPIPETTES VARIABLE VOLUME FULLY AUTOCLAVABLE	20-200UL	1	1	6 Pkt
140105	MICROPIPETTES VARIABLE VOLUME FULLY AUTOCLAVABLE	100-1000UL	5	1	6 Pkt
140106	MICROPIPETTES VARIABLE VOLUME FULLY AUTOCLAVABLE	500-5000UL	50	1	6 Pkt
140107	MICROPIPETTES VARIABLE VOLUME FULLY AUTOCLAVABLE	1000-10000UL	100	1	6 Pkt



20. MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE

Features



 High Accuracy And Precision Guaranteed

 Ergonomic & Light Weight Design

 Individual Serial No. Permanently Marked On Each Pipette For Easy Traceability

 Calibrated As Per ISO 8655 In ISO 17045 Accredited Lab

 Ideal Shaft Shape Helps The Pipette Reach Contents In Narrow Or Deep Tubes

 Comfortable finger support helps in prolonged pipetting operation with less fatigue

 Two Step Plunger Operation Allows Forward & Reverse Pipetting Technique

 Fully Autoclavable without disassembly

 2 Years Standard Warranty

 Narrow shaft allows easy pipetting into narrow vessels

 Tip Ejector allows smooth one-hand ejection of the tip without any contamination

 Corrosion resistant Tip Cone made of PVDF (Polyvinylidene Fluoride). Compatible With Wide Range Of Tips

 Calibration certificate and calibration tool supplied with micropipette

Code	Item Description	Capacity	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
140201	MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE	5UL	1	6 Pkt
140202	MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE	10UL	1	6 Pkt
140203	MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE	20UL	1	6 Pkt
140204	MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE	25UL	1	6 Pkt
140205	MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE	50UL	1	6 Pkt
140206	MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE	100UL	1	6 Pkt
140207	MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE	200UL	1	6 Pkt
140208	MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE	250UL	1	6 Pkt
140209	MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE	500UL	1	6 Pkt
140210	MICROPIPETTES, FIX VOLUME FULLY AUTOCLAVABLE	1000UL	1	6 Pkt



21. MICROPIPETTES, MULTICHANNEL 8 CH.

Rotating Dispensing Heads provide effortless and optimized pipetting.

Code	Item Description	Capacity	Increment	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
140301	MICROPIPETTES, MULTICHANNEL 8 CH.	.5-10UL	0.1	1	-
140302	MICROPIPETTES, MULTICHANNEL 8 CH.	5-50UL	0.5	1	-
140303	MICROPIPETTES, MULTICHANNEL 8 CH.	10-100UL	0.5	1	-
140304	MICROPIPETTES, MULTICHANNEL 8 CH.	20-200UL	1	1	-
140305	MICROPIPETTES, MULTICHANNEL 8 CH.	30-300UL	1	1	-



22. MICROPIPETTES, MULTICHANNEL 12 CH.

Rotating Dispensing Heads provide effortless and optimized pipetting.

Code	Item Description	Capacity	Increment	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
140401	MICROPIPETTES, MULTICHANNEL 12 CH.	.5-10UL	0.1	1	-
140402	MICROPIPETTES, MULTICHANNEL 12 CH.	5-50UL	0.5	1	-
140403	MICROPIPETTES, MULTICHANNEL 12 CH.	10-100UL	0.5	1	-
140404	MICROPIPETTES, MULTICHANNEL 12 CH.	20-200UL	1	1	-
140405	MICROPIPETTES, MULTICHANNEL 12 CH.	30-300UL	1	1	-



23. BOTTLE TOP DISPENSER, WITHOUT CIRCULATION VALVE

Made from the best quality raw-materials & components, our Dispensers are calibrated in ISO 17025 accredited calibration facility.

Features



Easy Recalibration
A single tool to recalibrate



Volume Lock
Smooth and Accurate volume setting



Conductive Handling
Ergonomic design for convenient sampling Low pressure dispensing even for larger volumes



Universal Bottle Adapter
4 additional adapters for regular bottle sizes



Uncomplicated Mounting
Snap-fit mounting of discharge-tube



Telescopic Filling Tube
Compatible with reagent bottles ranging from 170mm to 300mm



**Absolutely Accurate
and Precise**



Fully Autoclavable



Code	Item Description	Capacity	Increment	Pack Size (Pcs per Pkt)
140501	BOTTLE TOP DISPENSER, WITHOUT CIRCULATION VALVE	0.25-2.5ML	0.05	1
140502	BOTTLE TOP DISPENSER, WITHOUT CIRCULATION VALVE	0.5-5ML	0.1	1
140503	BOTTLE TOP DISPENSER, WITHOUT CIRCULATION VALVE	1-10ML	0.2	1
140504	BOTTLE TOP DISPENSER, WITHOUT CIRCULATION VALVE	2.5-25ML	0.5	1
140505	BOTTLE TOP DISPENSER, WITHOUT CIRCULATION VALVE	5-50ML	1	1



24. BOTTLE TOP DISPENSER, WITH CIRCULATION VALVE

Features



**Eco-friendly
Recirculation Valve**
Eliminates Sample loss & Saves costly
reagents and samples



Locking Mechanism
Safety locking feature prevents accidental
flow of reagents



**360° Dispensing –
Rotating discharge
tube enables bottle visibility.** Provides convenient
dispensing without moving the dispenser



Spring-less valve
Wider chemical compatibility & longer life
with zero maintenance



Unique Piston Mechanism
Piston with sealing wipes takes care of
liquid media, which tends to crystallize



Dual Graduations
Dual volume marking assures clear
visibility and precise volume setting



Code	Item Description	Capacity	Increment	Pack Size (Pcs per Pkt)
140601	BOTTLE TOP DISPENSER, WITH CIRCULATION VALVE	0.25-2.5ML	0.05	1
140602	BOTTLE TOP DISPENSER, WITH CIRCULATION VALVE	0.5-5ML	0.1	1
140603	BOTTLE TOP DISPENSER, WITH CIRCULATION VALVE	1-10ML	0.2	1
140604	BOTTLE TOP DISPENSER, WITH CIRCULATION VALVE	2.5-25ML	0.5	1
140605	BOTTLE TOP DISPENSER, WITH CIRCULATION VALVE	5-50ML	1	1



25. AUTOMATIC PIPETTE FILLER

Features



High & Low speed modes, along with Gravity drain, for better speed control. Can fill a 25ml pipette in under 4 seconds



Cadmium free eco-friendly and easy to change NiMH batteries



Safety valve and hydrophobic filters provide double protection against fluid penetration



The intelligent charger prevents overcharging / heating of batteries



Low battery indicator



Specially designed Desktop Stand - enables the controller to be charged while holding serological pipettes

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
140701	AUTOMATIC PIPETTE FILLER	-	-	1



26. SPARE PARTS

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
140702	0.45 UM FILTER	-	-	5
140703	SPARE BATTERY	-	-	1
140704	SPARE ADAPTOR	-	-	1

27. PIPETTE AID

Used for secure hold, users can insert both glass and plastic pipettes into the aid. Chemically inert. Can be easily disassembled for cleaning Provide Safe, Accurate and Trouble free pipetting Pipetters utilize an easy-to-use one handed operation.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
140801	PIPETTE AID	2ML	ASSORTED	12	6 pkt
140802	PIPETTE AID	10ML	ASSORTED	12	6 pkt
140803	PIPETTE AID	25ML	ASSORTED	12	6 pkt



28. SEROLOGICAL PIPETTES

Chemically inert. Sharp graduations provide precise reading and accurate dispensing of fluids.

Designed to fit with available automatic motorized pipette fillers.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170501	Serological pipettes	1ML	POLYSTYRENE	1000	6 pkt
170502	Serological pipettes	2ML	POLYSTYRENE	800	6 pkt
170503	Serological pipettes	5ML	POLYSTYRENE	500	6 pkt
170504	Serological pipettes	10ML	POLYSTYRENE	400	6 pkt
170505	Serological pipettes	25ML	POLYSTYRENE	300	6 pkt
170506	Serological pipettes	50ML	POLYSTYRENE	200	6 pkt



29. PASTEUR PIPETTE

Chemically inert. Sharp graduations provide precise observation and accurate dispensing of fluids. Can be twisted for use in smaller and oddly shaped containers.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
171101	PASTEUR PIPETTE NON STERILE	1ML	LDPE	500	24 pkt
171102	PASTEUR PIPETTE NON STERILE	3ML	LDPE	500	24 pkt
171103	PASTEUR PIPETTE STERILE	1ML	LDPE	500	24 pkt
171104	PASTEUR PIPETTE STERILE	3ML	LDPE	500	24 pkt





02. Centrifuge Ware

MICROCENTRIFUGE TUBE

Chemically inert & can withstand a range of temperature from – 80 to +121°C.

Manufactured from FDA approved resin.

Free from heavy metal & additives.

Frosted labeling surfaces makes writing easier.

Comes with graduations that make identification easy.

Certified RNase, DNase, Human DNA, Endotoxin & Pyrogen free. Fit all standard and high capacity centrifuge rotors. High clarity for optimum sample visibility.

30. MICROCENTRIFUGE TUBE NON STERILE

Can be centrifuged at up to 20,000 RCF.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170101	MICROCENTRIFUGE TUBE NON STERILE	0.5ML	POLYPROPYLENE	1000	96 pkt
170102	MICROCENTRIFUGE TUBE NON STERILE	1.5ML	POLYPROPYLENE	500	96 pkt
170103	MICROCENTRIFUGE TUBE NON STERILE	2.0ML	POLYPROPYLENE	500	96 pkt
170110	MICROCENTRIFUGE TUBE NON STERILE, COLOURED	1.5ML	POLYPROPYLENE	500	24 pkt



31. AMBER MICROCENTRIFUGE TUBE NON STERILE

Amber colour MCTs restrict light passage & are suitable for light-sensitive samples.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170104	AMBER MICROCENTRIFUGE TUBE NON STERILE	0.5ML	POLYPROPYLENE	1000	24 pkt
170105	AMBER MICROCENTRIFUGE TUBE NON STERILE	1.7ML	POLYPROPYLENE	500	24 pkt
170106	AMBER MICROCENTRIFUGE TUBE NON STERILE	2.0ML	POLYPROPYLENE	500	24 pkt



32. MICROCENTRIFUGE TUBE NON STERILE LOW RETENTION

Low Retention Resin Technology maintains minimal sample retention and maximum sample integrity. Can be centrifuged at up to 20,000 RCF.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170107	MICROCENTRIFUGE TUBE NON STERILE LOW RETENTION	0.5ML	POLYPROPYLENE	1000	24 pkt
170108	MICROCENTRIFUGE TUBE NON STERILE LOW RETENTION	1.7ML	POLYPROPYLENE	500	24 pkt
170109	MICROCENTRIFUGE TUBE NON STERILE LOW RETENTION	2.0ML	POLYPROPYLENE	500	24 pkt



CENTRIFUGE TUBE

Chemically inert & can withstand a range of temperature from - 80 to +121°C.
Manufactured from FDA approved resin. Free from heavy metal & additives.
Leak proof tubes with Graduation printing and writing area.

33. CENTRIFUGE TUBE CONICAL BOTTOM NON STERILE

Can be centrifuged at up to 14,000 RCF. Supplied in double safety self-standing bulk bags & Eco friendly Racks

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170201	CENTRIFUGE TUBE CONICAL BOTTOM NON STERILE	15ML	POLYPROPYLENE	500	10 pkt
170202	CENTRIFUGE TUBE CONICAL BOTTOM NON STERILE	50ML	POLYPROPYLENE	500	10 pkt



34. CENTRIFUGE TUBE CONICAL BOTTOM STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170203	CENTRIFUGE TUBE CONICAL BOTTOM STERILE	15ML	POLYPROPYLENE	500	10 pkt
170204	CENTRIFUGE TUBE CONICAL BOTTOM STERILE	50ML	POLYPROPYLENE	500	10 pkt



35. CENTRIFUGE TUBE CONICAL BOTTOM RACKED NON STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170205	CENTRIFUGE TUBE CONICAL BOTTOM RACKED NON STERILE	15ML	POLYPROPYLENE	500	10 pkt
170206	CENTRIFUGE TUBE CONICAL BOTTOM RACKED NON STERILE	50ML	POLYPROPYLENE	300	10 pkt



36. CENTRIFUGE TUBE CONICAL BOTTOM RACKED STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170207	CENTRIFUGE TUBE CONICAL BOTTOM RACKED STERILE	15ML	POLYPROPYLENE	500	10 pkt
170208	CENTRIFUGE TUBE CONICAL BOTTOM RACKED STERILE	50ML	POLYPROPYLENE	300	10 pkt



37. AMBER CENTRIFUGE TUBE CONICAL BOTTOM NON STERILE

Amber colour CTs restrict light passage & are suitable for light-sensitive samples

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170301	AMBER CENTRIFUGE TUBE CONICAL BOTTOM NON STERILE	15ML	POLYPROPYLENE	500	6 pkt
170302	AMBER CENTRIFUGE TUBE CONICAL BOTTOM NON STERILE	50ML	POLYPROPYLENE	500	6 pkt



38. AMBER CENTRIFUGE TUBE CONICAL BOTTOM STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170303	AMBER CENTRIFUGE TUBE CONICAL BOTTOM STERILE	15ML	POLYPROPYLENE	500	6 pkt
170304	AMBER CENTRIFUGE TUBE CONICAL BOTTOM STERILE	50ML	POLYPROPYLENE	500	6 pkt



39. AMBER CENTRIFUGE TUBE CONICAL BOTTOM RACKED, NON STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170305	AMBER CENTRIFUGE TUBE CONICAL BOTTOM RACKED NON STERILE	15ML	POLYPROPYLENE	500	6 pkt
170306	AMBER CENTRIFUGE TUBE CONICAL BOTTOM RACKED NON STERILE	50ML	POLYPROPYLENE	300	6 pkt



40. AMBER CENTRIFUGE TUBE CONICAL BOTTOM RACKED STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170307	AMBER CENTRIFUGE TUBE CONICAL BOTTOM RACKED STERILE	15ML	POLYPROPYLENE	500	6 pkt
170308	AMBER CENTRIFUGE TUBE CONICAL BOTTOM RACKED STERILE	50ML	POLYPROPYLENE	300	6 pkt



41. SELF STANDING CENTRIFUGE TUBE BULK PACK NON STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170401	SELF STANDING CENTRIFUGE TUBE BULK PACK NON STERILE	50ML	POLYPROPYLENE	500	6 pkt
170402	SELF STANDING CENTRIFUGE TUBE BULK PACK NON STERILE	50ML	POLYPROPYLENE	500	6 pkt
170403	SELF STANDING AMBER CENTRIFUGE TUBE BULK PACK NON STERILE	50ML	POLYPROPYLENE	500	6 pkt
170404	SELF STANDING AMBER CENTRIFUGE TUBE BULK PACK, STERILE	50ML	POLYPROPYLENE	500	6 pkt



42. INDIVIDUAL PACK CONICAL BOTTOM CENTRIFUGE TUBE STERILE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
170411	INDIVIDUAL PACK CONICAL BOTTOM CENTRIFUGE TUBE STERILE	15ML	POLYPROPYLENE	500	10 pkt
170412	INDIVIDUAL PACK CONICAL BOTTOM CENTRIFUGE TUBE STERILE	50ML	POLYPROPYLENE	300	10 pkt
170413	INDIVIDUAL PACK SELF STANDING CENTRIFUGE TUBE STERILE	50ML	POLYPROPYLENE	400	10 pkt





03.

**Bottles &
Carboys**

43. REAGENT BOTTLE NARROW MOUTH, PP

Highly Durable and excellent chemical resistance.

Screw cap and inner thread ensures proper sealing and no leaks.

Ideal for storage, packing and Shipping Valuable samples.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
100101	REAGENT BOTTLE NARROW MOUTH	4ML	POLYPROPYLENE	72	6 pkt
100102	REAGENT BOTTLE NARROW MOUTH	8ML	POLYPROPYLENE	72	6 pkt
100103	REAGENT BOTTLE NARROW MOUTH	15ML	POLYPROPYLENE	72	6 pkt
100104	REAGENT BOTTLE NARROW MOUTH	30ML	POLYPROPYLENE	72	6 pkt
100105	REAGENT BOTTLE NARROW MOUTH	60ML	POLYPROPYLENE	72	6 pkt
100106	REAGENT BOTTLE NARROW MOUTH	125ML	POLYPROPYLENE	72	6 pkt
100107	REAGENT BOTTLE NARROW MOUTH	250ML	POLYPROPYLENE	72	6 pkt
100108	REAGENT BOTTLE NARROW MOUTH	500ML	POLYPROPYLENE	48	6 pkt
100109	REAGENT BOTTLE NARROW MOUTH	1000ML	POLYPROPYLENE	24	6 pkt



44. REAGENT BOTTLE NARROW MOUTH, LDPE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
100702	REAGENT BOTTLE NARROW MOUTH	15ML	LDPE	72	6 pkt
100703	REAGENT BOTTLE NARROW MOUTH	30ML	LDPE	72	6 pkt
100704	REAGENT BOTTLE NARROW MOUTH	60ML	LDPE	72	6 pkt
100705	REAGENT BOTTLE NARROW MOUTH	125ML	LDPE	72	6 pkt
100706	REAGENT BOTTLE NARROW MOUTH	250ML	LDPE	72	6 pkt
100707	REAGENT BOTTLE NARROW MOUTH	500ML	LDPE	48	6 pkt
100708	REAGENT BOTTLE NARROW MOUTH	1000ML	LDPE	24	6 pkt



45. REAGENT BOTTLE NARROW MOUTH, HDPE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
100301	REAGENT BOTTLE NARROW MOUTH	4ML	HDPE	72	6 pkt
100302	REAGENT BOTTLE NARROW MOUTH	8ML	HDPE	72	6 pkt
100303	REAGENT BOTTLE NARROW MOUTH	15ML	HDPE	72	6 pkt
100304	REAGENT BOTTLE NARROW MOUTH	30ML	HDPE	72	6 pkt
100305	REAGENT BOTTLE NARROW MOUTH	60ML	HDPE	72	6 pkt
100306	REAGENT BOTTLE NARROW MOUTH	125ML	HDPE	72	6 pkt
100307	REAGENT BOTTLE NARROW MOUTH	250ML	HDPE	72	6 pkt
100308	REAGENT BOTTLE NARROW MOUTH	500ML	HDPE	48	6 pkt
100309	REAGENT BOTTLE NARROW MOUTH	1000ML	HDPE	24	6 pkt



46. REAGENT BOTTLE NARROW MOUTH, HDPE AMBER

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
100501	REAGENT BOTTLE NARROW MOUTH	4ML	HDPE AMBER	72	6 pkt
100502	REAGENT BOTTLE NARROW MOUTH	8ML	HDPE AMBER	72	6 pkt
100503	REAGENT BOTTLE NARROW MOUTH	15ML	HDPE AMBER	72	6 pkt
100504	REAGENT BOTTLE NARROW MOUTH	30ML	HDPE AMBER	72	6 pkt
100505	REAGENT BOTTLE NARROW MOUTH	60ML	HDPE AMBER	72	6 pkt
100506	REAGENT BOTTLE NARROW MOUTH	125ML	HDPE AMBER	72	6 pkt
100507	REAGENT BOTTLE NARROW MOUTH	250ML	HDPE AMBER	72	6 pkt
100508	REAGENT BOTTLE NARROW MOUTH	500ML	HDPE AMBER	48	6 pkt
100509	REAGENT BOTTLE NARROW MOUTH	1000ML	HDPE AMBER	24	6 pkt



47. REAGENT BOTTLE WIDE MOUTH, PP

Highly Durable and excellent chemical resistance.

Screw cap and inner thread ensures proper sealing and no leaks.

Ideal for storage, packing and Shipping Valuable samples.

Wide mouth facilitates easy filling and emptying of samples.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
100201	REAGENT BOTTLE WIDE MOUTH	30ML	POLYPROPYLENE	72	6 pkt
100202	REAGENT BOTTLE WIDE MOUTH	60ML	POLYPROPYLENE	72	6 pkt
100203	REAGENT BOTTLE WIDE MOUTH	125ML	POLYPROPYLENE	72	6 pkt
100204	REAGENT BOTTLE WIDE MOUTH	250ML	POLYPROPYLENE	72	6 pkt
100205	REAGENT BOTTLE WIDE MOUTH	500ML	POLYPROPYLENE	48	6 pkt
100206	REAGENT BOTTLE WIDE MOUTH	1000ML	POLYPROPYLENE	24	6 pkt
100207	REAGENT BOTTLE WIDE MOUTH	2000ML	POLYPROPYLENE	6	6 pkt



48. REAGENT BOTTLE WIDE MOUTH, LDPE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
100801	REAGENT BOTTLE WIDE MOUTH	30ML	LDPE	72	6 pkt
100802	REAGENT BOTTLE WIDE MOUTH	60ML	LDPE	72	6 pkt
100803	REAGENT BOTTLE WIDE MOUTH	125ML	LDPE	72	6 pkt
100804	REAGENT BOTTLE WIDE MOUTH	250ML	LDPE	72	6 pkt
100805	REAGENT BOTTLE WIDE MOUTH	500ML	LDPE	48	6 pkt
100806	REAGENT BOTTLE WIDE MOUTH	1000ML	LDPE	24	6 pkt
100807	REAGENT BOTTLE WIDE MOUTH	2000ML	LDPE	6	6 pkt



49. REAGENT BOTTLE WIDE MOUTH, HDPE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
100401	REAGENT BOTTLE WIDE MOUTH	30ML	HDPE	72	6 pkt
100402	REAGENT BOTTLE WIDE MOUTH	60ML	HDPE	72	6 pkt
100403	REAGENT BOTTLE WIDE MOUTH	125ML	HDPE	72	6 pkt
100404	REAGENT BOTTLE WIDE MOUTH	250ML	HDPE	72	6 pkt
100405	REAGENT BOTTLE WIDE MOUTH	500ML	HDPE	48	6 pkt
100406	REAGENT BOTTLE WIDE MOUTH	1000ML	HDPE	24	6 pkt
100407	REAGENT BOTTLE WIDE MOUTH	2000ML	HDPE	6	6 pkt



50. REAGENT BOTTLE WIDE MOUTH, HDPE AMBER

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
100601	REAGENT BOTTLE WIDE MOUTH	30ML	HDPE AMBER	72	6 pkt
100602	REAGENT BOTTLE WIDE MOUTH	60ML	HDPE AMBER	72	6 pkt
100603	REAGENT BOTTLE WIDE MOUTH	125ML	HDPE AMBER	72	6 pkt
100604	REAGENT BOTTLE WIDE MOUTH	250ML	HDPE AMBER	72	6 pkt
100605	REAGENT BOTTLE WIDE MOUTH	500ML	HDPE AMBER	48	6 pkt
100606	REAGENT BOTTLE WIDE MOUTH	1000ML	HDPE AMBER	24	6 pkt
100607	REAGENT BOTTLE WIDE MOUTH	2000ML	HDPE AMBER	6	6 pkt



51. WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED, HDPE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
100411	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	30ML	HDPE	500
100412	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	60ML	HDPE	250
100413	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	125ML	HDPE	125
100414	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	250ML	HDPE	60
100415	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	500ML	HDPE	30
100416	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	1000ML	HDPE	24



52. WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED, HDPE AMBER

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
100511	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	30ML	HDPE AMBER	500
100512	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	60ML	HDPE AMBER	250
100513	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	125ML	HDPE AMBER	125
100514	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	250ML	HDPE AMBER	60
100515	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	500ML	HDPE AMBER	30
100516	WIDE MOUTH STERILE BOTTLE INDIVIDUALLY WRAPPED	1000ML	HDPE AMBER	24



53. WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED, HDPE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
100421	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	30ML	HDPE	500
100422	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	60ML	HDPE	250
100423	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	125ML	HDPE	125
100424	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	250ML	HDPE	60
100425	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	500ML	HDPE	30
100426	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	1000ML	HDPE	24



54. WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED, HDPE AMBER

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
100521	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	30ML	HDPE AMBER	500
100522	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	60ML	HDPE AMBER	250
100523	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	125ML	HDPE AMBER	125
100524	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	250ML	HDPE AMBER	60
100525	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	500ML	HDPE AMBER	30
100526	WIDE MOUTH STERILE BOTTLE PYROGEN FREE, INDIVIDUALLY WRAPPED	1000ML	HDPE AMBER	24



55. REAGENT BOTTLE NARROW MOUTH, PP

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
101401	REAGENT BOTTLE NARROW MOUTH	2L	POLYPROPYLENE	6
101402	REAGENT BOTTLE NARROW MOUTH	4L	POLYPROPYLENE	6
101403	REAGENT BOTTLE NARROW MOUTH	8L	POLYPROPYLENE	6



56. HEAVY DUTY VACUUM BOTTLE

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
101701	HEAVY DUTY VACUUM BOTTLE	2L	POLYPROPYLENE	6
101702	HEAVY DUTY VACUUM BOTTLE	4L	POLYPROPYLENE	6



57. ASPIRATOR BOTTLE, PP

Strong and durable to last a lifetime.

Equipped with a secure sealing cap & durable stopcock or tap for easy withdrawal of reagents and chemicals.

Fully autoclavable and chemically inert.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
101801	ASPIRATOR BOTTLE WITH STOP CORK	5L	POLYPROPYLENE	1	12 pkt
101802	ASPIRATOR BOTTLE WITH STOP CORK	10L	POLYPROPYLENE	1	12 pkt
101803	ASPIRATOR BOTTLE WITH STOP CORK	20L	POLYPROPYLENE	1	12 pkt



SPARE STOPCORK

Code	Item Description	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
101804	SPARE STOPCORK	POLYPROPYLENE	1	12 pkt



58. CARBOYS, PP

Strong and durable, carboys come with a secure sealing cap & thick walls for efficient storage of reagents and chemicals. Provided with a strong handle for easy holding. Fully autoclavable and chemically inert.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
101901	CARBOYS	10L	POLYPROPYLENE	1	12 pkt
101902	CARBOYS	20L	POLYPROPYLENE	1	12 pkt



59. CARBOYS WITH STOPCORK

Strong and durable, these come with a cap & stopcork for secure sealing and storage of reagents and chemicals. Provided with a strong handle for easy holding. Fully autoclavable and chemically inert. Wide mouth facilitates easy filling and emptying of samples.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
102001	CARBOYS WITH STOPCORK	10L	POLYPROPYLENE	1	12 pkt
102002	CARBOYS WITH STOPCORK	20L	POLYPROPYLENE	1	12 pkt



60. CARBOYS WIDE MOUTH

Strong and durable, these come with a cap & stopcork for secure sealing and storage of reagents and chemicals. Provided with a strong handle for easy holding. Fully autoclavable and chemically inert.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
102101	CARBOYS WIDEMOUTH	10L	POLYPROPYLENE	1	12 pkt
102102	CARBOYS WIDEMOUTH	20L	POLYPROPYLENE	1	12 pkt



61. DROPPING BOTTLE OLD TYPE, LDPE

These bottles come with inner thread for superior sealing and better security.

Wide mouth allows for easy filling and emptying of the bottle.

Complete emptying is guaranteed through inclination of shoulders.

Suitable for use with food.

Code	Size	Pcs Per Pack
101101	60ML	12
101102	125ML	12



62. DROPPING BOTTLE EURO DESIGN

Chemically inert.

Comes with precise graduations for measurements.

Regulation by hand pressure ensures steady dropping of liquid.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
101201	DROPPING BOTTLE EURO DESIGN	15ML	LDPE	12	24 pkt
101202	DROPPING BOTTLE EURO DESIGN	30ML	LDPE	12	24 pkt
101203	DROPPING BOTTLE EURO DESIGN	60ML	LDPE	12	24 pkt
101204	DROPPING BOTTLE EURO DESIGN	125ML	LDPE	12	24 pkt
101205	DROPPING BOTTLE EURO DESIGN	250ML	LDPE	12	24 pkt



63. WASH BOTTLE, LDPE

Used for routine storage and pouring distilled water.

Regulation by hand pressure ensures steady dropping of liquid.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
100902	WASH BOTTLE	125ML	LDPE	12	24 pkt
100902	WASH BOTTLE	250ML	LDPE	12	24 pkt
100903	WASH BOTTLE	500ML	LDPE	6	24 pkt
100904	WASH BOTTLE	1000ML	LDPE	6	24 pkt



64. WASH BOTTLE NEW TYPE, LDPE

Used for routine storage and pouring distilled water.

Regulation by hand pressure ensures steady dropping of liquid.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
101001	WASH BOTTLE NEW TYPE	250ML	LDPE	12	24 pkt
101002	WASH BOTTLE NEW TYPE	500ML	LDPE	6	24 pkt



65. CONICAL FLASK

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
101301	CONICAL FLASK	125ML	POLYPROPYLENE	6	24 pkt
101302	CONICAL FLASK	250ML	POLYPROPYLENE	6	24 pkt
101303	CONICAL FLASK	500ML	POLYPROPYLENE	6	24 pkt





04.

**Microscopy and
Microbiology**

66. SOFT LOOPS STERILE

Disposable loop for handling microbiological samples.
The surface is treated to enhance adhesion of droplets.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
190010	SOFT LOOPS STERILE 1UL(POUCH OF 10 PCS)	1UL	HIPS	100
190011	SOFT LOOPS STERILE 1UL(INDIVIDUAL PACK)	1UL	HIPS	100
190020	SOFT LOOPS STERILE 10UL(POUCH OF 10 PCS)	10UL	HIPS	100
190021	SOFT LOOPS STERILE 10UL(INDIVIDUAL PACK)	10UL	HIPS	100
190030	INNOCULATION NEEDLE(POUCH OF 10 PCS)	-	HIPS	100



67. L SHAPE SPREADER

Suitable for spreading and dispersing liquid onto the surface of petri-dishes.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
190901	L SHAPE SPREADER	-	HIPS	100



68. COPLIN JAR

Wide Mouth PP Jar, constructed with vertically grooved interior walls.
Suitable for storage and staining of slides.
Can hold upto 10 slides of the size 1"X 3" in erect position.
Comes with the screw cap

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
160101	COPLIN JAR	10 PLACES	POLYPROPYLENE	12	12 pkt

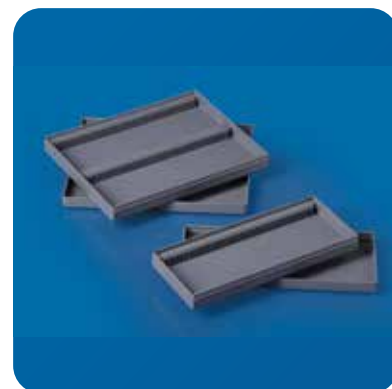


69. SLIDE BOX

Suitable for holding 25 x 75 mm microscope slides.

Grooved slide slots keep slides separated properly and avoid overlap.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
160301	SLIDE BOX	25 PLACES	HIPS	12	12 pkt
160302	SLIDE BOX	50 PLACES	HIPS	6	12 pkt
160303	SLIDE BOX	100 PLACES	HIPS	6	12 pkt



70. SAMPLE CONTAINER NON STERILE

PP/HDPE container with leak proof screw cap.

Frosted portion for easy writing.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
170010	SAMPLE CONTAINER NON STERILE	50ML	PP/HDPE	384
170020	SAMPLE CONTAINER NON STERILE	100ML	PP/HDPE	280



71. SAMPLE CONTAINER STERILE

PP/HDPE container with leak proof screw cap.

Frosted portion for easy writing.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
170030	SAMPLE CONTAINER STERILE	50ML	PP/HDPE	384
170040	SAMPLE CONTAINER STERILE	100ML	PP/HDPE	280



72. SPATULA NON STERILE

Autoclavable, chemically inert PP spatula with scraper plus spoon configuration.

Suitable for use with food.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
160401	SPATULA NON STERILE	150MM	POLYPROPYLENE	12	6 pkt
160402	SPATULA NON STERILE	200MM	POLYPROPYLENE	12	6 pkt



73. SPATULA STERILE

Autoclavable, chemically inert PP spatula with scraper plus spoon configuration.

Suitable for use with food.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
160403	SPATULA STERILE	150MM	POLYPROPYLENE	100	6 pkt
160404	SPATULA STERILE	200MM	POLYPROPYLENE	100	6 pkt



74. MEASURING SCOOP, PP

Chemically inert scoops, used for withdrawal and movement of solid, liquid, granulates and gels.

Flat bottom and top.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
161001	MEASURING SCOOP PP	2ML	PP	12	12 pkt
161002	MEASURING SCOOP PP	5ML	PP	12	12 pkt
161003	MEASURING SCOOP PP	10ML	PP	12	12 pkt
161004	MEASURING SCOOP PP	25ML	PP	12	12 pkt
161005	MEASURING SCOOP PP	50ML	PP	12	12 pkt
161006	MEASURING SCOOP PP	100ML	PP	12	12 pkt
161007	MEASURING SCOOP PP	250ML	PP	12	12 pkt
161008	MEASURING SCOOP PP	500ML	PP	12	12 pkt
161009	MEASURING SCOOP PP	1000ML	PP	12	12 pkt





05.

**Racks, Stands
and Boxes**

75. UNIVERSAL MICROTIP BOX , 96 PLACES AUTOCLAVABLE

Efficient for storing Microtips.

Boxes are stackable and reusable Boxes have transparent lids for easy view of microtips.



Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
150401	UNIVERSAL MICROTIP BOX, 96 PLACES AUTOCLAVABLE	02.-10UL	PP	10	24 pkt
150402	UNIVERSAL MICROTIP BOX, 96 PLACES AUTOCLAVABLE	2-200UL	PP	10	24 pkt
150403	UNIVERSAL MICROTIP BOX, 96 PLACES AUTOCLAVABLE	200-1000UL	PP	10	24 pkt



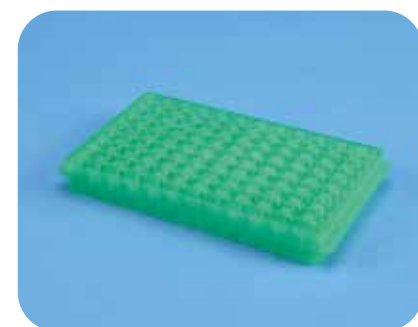
76. MCT RACK AUTOCLAVABLE

Polycarbonate autoclavable racks.

Have a unique stacking feature which prevents movement in any direction.

The holes are numbered & lettered for easy identification.

Can withstand temperatures from -80°C to 121°C.



Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
150901	MCT RACK(0.5ML OR 1.5ML) AUTOCLAVABLE	96 PLACES	PP	4	12 pkt
150902	MCT RACK(1ML) AUTOCLAVABLE	60 PLACES	PP	6	12 pkt



77. CONICAL CENTRIFUGE TUBE RACK AUTOCLAVABLE

Provide reliable support and organization for conical tubes.



Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
150903	CONICAL CENTRIFUGE TUBE RACK AUTOCLAVABLE	-	PP	4	6 pkt



78. RETORT STAND

These non-corrosive stands are perfect alternatives to metal stands. The metal rod is also covered in non-corrosive PP.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
130101	RETORT STAND SIDE HOLE	220X150MM	POLYPROPYLENE	1	6 pkt
130102	RETORT STAND SIDE HOLE	300MMX200MM	POLYPROPYLENE	1	6 pkt
130103	RETORT STAND CENTRE HOLE	300MMX200MM	POLYPROPYLENE	1	6 pkt



79. PIPETTE STAND HORIZONTAL AUTOCLAVABLE

Non-corrosive stand, autoclavable stand made of Propylene. Can hold upto 12 pipettes in horizontal position. Can be easily assembled or disassembled to save space.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
141001	PIPETTE STAND HORIZONTAL AUTOCLAVABLE	12 PLACES	PP	6	6 pkt



80. PIPETTE STAND VERTICAL AUTOCLAVABLE

Non-corrosive stand, autoclavable stand made of polypropylene. Can hold upto 28 pipettes in vertical position. Stand has two adjustable discs to accommodate various pipette lengths and to hold the pipettes in a stable manner. Heavy base has 15 inch PP coated square road.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
141001	PIPETTE STAND VERTICAL AUTOCLAVABLE	28 PLACES	PP	1	12 pkt



81. TEST TUBE STAND 3 TIER, REINFORCED POLYPROPYLENE

PP unbreakable traditional pattern test tube racks.

Perfect alternative to metal racks for storing test tubes.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
150601	TEST TUBE STAND 3 TIER	13X31mm	RPP	4	12 pkt
150602	TEST TUBE STAND 3 TIER	13X62mm	RPP	2	12 pkt
150603	TEST TUBE STAND 3 TIER	16X31mm	RPP	4	12 pkt
150604	TEST TUBE STAND 3 TIER	16X62mm	RPP	2	12 pkt
150605	TEST TUBE STAND 3 TIER	20X20mm	RPP	4	12 pkt
150606	TEST TUBE STAND 3 TIER	20X40mm	RPP	2	12 pkt
150607	TEST TUBE STAND 3 TIER	25X18mm	RPP	4	12 pkt
150608	TEST TUBE STAND 3 TIER	25X36mm	RPP	2	12 pkt



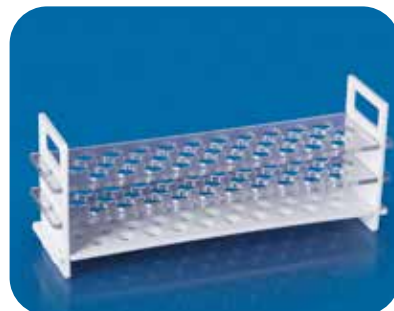
82. TEST TUBE STAND 3 TIER PC AUTOCLAVABLE

PC lightweight traditional pattern test tube racks.

Submersible 3-tier test tube racks ideal for autoclaves.

Can withstand temperatures up to 120 degrees Celsius.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
150701	TEST TUBE STAND 3 TIER PC AUTOCLAVABLE	13X31mm	RPP/PC	4	12 pkt
150702	TEST TUBE STAND 3 TIER PC AUTOCLAVABLE	13X62mm	RPP/PC	2	12 pkt
150703	TEST TUBE STAND 3 TIER PC AUTOCLAVABLE	16X31mm	RPP/PC	4	12 pkt
150704	TEST TUBE STAND 3 TIER PC AUTOCLAVABLE	16X62mm	RPP/PC	2	12 pkt
150705	TEST TUBE STAND 3 TIER PC AUTOCLAVABLE	20X20mm	RPP/PC	4	12 pkt
150706	TEST TUBE STAND 3 TIER PC AUTOCLAVABLE	20X40mm	RPP/PC	2	12 pkt
150707	TEST TUBE STAND 3 TIER PC AUTOCLAVABLE	25X18mm	RPP/PC	4	12 pkt
150708	TEST TUBE STAND 3 TIER PC AUTOCLAVABLE	25X36mm	RPP/PC	2	12 pkt



83. TEST TUBE STAND WIRE PATTERN

Code	Item Description	Capacity	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
150801	TEST TUBE STAND WIRE PATTERN	13X90MM	4	12 pkt
150802	TEST TUBE STAND WIRE PATTERN	16X60MM	4	12 pkt
150803	TEST TUBE STAND WIRE PATTERN	20X40MM	4	12 pkt
150804	TEST TUBE STAND WIRE PATTERN	25X24MM	4	12 pkt





06.

General Labware

DESICCATORS

Ideal for storage or drying of moisture sensitive substances

84. DESICCATOR, PLAIN

Flat flange. Bottom made of white Polypropylene, top of clear polycarbonate. White perforated plate inside in the middle for easy lifting. Thick Walled, Light and Easy to handle.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
110101	DESICCATOR, PLAIN	150mm	PP/PC	1	6 pkt
110102	DESICCATOR, PLAIN	200mm	PP/PC	1	6 pkt
110103	DESICCATOR, PLAIN	250mm	PP/PC	1	6 pkt
110104	DESICCATOR, PLAIN	300mm	PP/PC	1	6 pkt



85. DESICCATOR, VACUUM

Can hold vacuum up to 740 mm of Hg for 24 hrs. Greaseless airtight vacuum seal using high quality silicon gasket.

Highly transparent & shatter-proof. Removable 3-way Teflon stopcock provides consistent and uniform vacuum draw, release or shut off.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
110201	DESICCATOR, VACUUM	150mm	PP/PC	1	6 pkt
110202	DESICCATOR, VACUUM	200mm	PP/PC	1	6 pkt
110203	DESICCATOR, VACUUM	250mm	PP/PC	1	6 pkt
110204	DESICCATOR, VACUUM	300mm	PP/PC	1	6 pkt



86. DESICCATOR ALL CLEAR

Bottom and Top are made of clear polycarbonate for clear view of contents. White perforated plate inside. Removable 3-way teflon Stopcock. Silicon rubber 'O' ring fitted on rim for perfect sealing.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
110301	DESICCATOR ALL CLEAR	150mm	PC/PC	1	6 pkt
110302	DESICCATOR ALL CLEAR	200mm	PC/PC	1	6 pkt
110303	DESICCATOR ALL CLEAR	250mm	PC/PC	1	6 pkt
110304	DESICCATOR ALL CLEAR	300mm	PC/PC	1	6 pkt



87. DESICCATOR O RING

Used for seamless sealing in desiccators.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
110501	DESICCATOR O RING	150mm	SILICONE RUBBER	1	6 pkt
110502	DESICCATOR O RING	200mm	SILICONE RUBBER	1	6 pkt
110503	DESICCATOR O RING	250mm	SILICONE RUBBER	1	6 pkt
110504	DESICCATOR O RING	300mm	SILICONE RUBBER	1	6 pkt

88. BEAKER, PP

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
120101	BEAKER, PP	50ML	POLYPROPYLENE	12	24 pkt
120102	BEAKER, PP	100ML	POLYPROPYLENE	12	24 pkt
120103	BEAKER, PP	250ML	POLYPROPYLENE	12	24 pkt
120104	BEAKER, PP	500ML	POLYPROPYLENE	6	24 pkt
120105	BEAKER, PP	1000ML	POLYPROPYLENE	4	24 pkt
120106	BEAKER, PP	2000ML	POLYPROPYLENE	4	24 pkt
120107	BEAKER, PP	5000ML	POLYPROPYLENE	2	24 pkt



89. BEAKER, TPX

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
120111	BEAKER TPX	50ML	TPX/PMP	12	12 pkt
120112	BEAKER TPX	100ML	TPX/PMP	12	12 pkt
120113	BEAKER TPX	250ML	TPX/PMP	12	12 pkt
120114	BEAKER TPX	500ML	TPX/PMP	6	12 pkt
120115	BEAKER TPX	1000ML	TPX/PMP	4	12 pkt
120116	BEAKER TPX	2000ML	TPX/PMP	4	12 pkt
120117	BEAKER TPX	5000ML	TPX/PMP	2	12 pkt



90. MEASURING CYLINDER, CLASS B, PP

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
120201	MEASURING CYLINDER, CLASS B	10ML	POLYPROPYLENE	12	6 pkt
120202	MEASURING CYLINDER, CLASS B	25ML	POLYPROPYLENE	12	6 pkt
120203	MEASURING CYLINDER, CLASS B	50ML	POLYPROPYLENE	12	6 pkt
120204	MEASURING CYLINDER, CLASS B	100ML	POLYPROPYLENE	6	6 pkt
120205	MEASURING CYLINDER, CLASS B	250ML	POLYPROPYLENE	6	6 pkt
120206	MEASURING CYLINDER, CLASS B	500ML	POLYPROPYLENE	6	6 pkt
120207	MEASURING CYLINDER, CLASS B	1000ML	POLYPROPYLENE	4	6 pkt



91. MEASURING CYLINDER, CLASS B, TPX

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
120211	MEASURING CYLINDER, CLASS B, TPX	10ML	TPX/PMP	12	6 pkt
120212	MEASURING CYLINDER, CLASS B, TPX	25ML	TPX/PMP	12	6 pkt
120213	MEASURING CYLINDER, CLASS B, TPX	50ML	TPX/PMP	12	6 pkt
120214	MEASURING CYLINDER, CLASS B, TPX	100ML	TPX/PMP	6	6 pkt
120215	MEASURING CYLINDER, CLASS B, TPX	500ML	TPX/PMP	6	6 pkt
120216	MEASURING CYLINDER, CLASS B, TPX	1000ML	TPX/PMP	4	6 pkt



92. MEASURING CYLINDER, CLASS A, TPX

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
120301	MEASURING CYLINDER, CLASS A, TPX	10ML	TPX/PMP	1
120302	MEASURING CYLINDER, CLASS A, TPX	25ML	TPX/PMP	1
120303	MEASURING CYLINDER, CLASS A, TPX	50ML	TPX/PMP	1
120304	MEASURING CYLINDER, CLASS A, TPX	100ML	TPX/PMP	1
120305	MEASURING CYLINDER, CLASS A, TPX	500ML	TPX/PMP	1
120306	MEASURING CYLINDER, CLASS A, TPX	1000ML	TPX/PMP	1



93. FISHER CLAMP

Ideal for burettes. Boss-head has single & double olives for fixing on a range of support rods (diameters 8-14mm).

Stainless steel spring-loaded center arm holds burette firmly without obstructing graduations.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
130201	FISHER CLAMP	SINGLE	POLYPROPYLENE	6	6 pkt
130202	FISHER CLAMP	DOUBLE	POLYPROPYLENE	6	6 pkt



94. FUNNEL HOLDER

Corrosion free. Single or double holder for funnels as small as 35 mm (with adaptor supplied) and upto 170 mm. Without an adaptor, it can be used with powder funnels with stem diameter not exceeding 35 mm. Two olives provided for use with rods from 8 to 14mm.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
130301	FUNNEL HOLDER	SINGLE	POLYPROPYLENE	6	6 pkt
130302	FUNNEL HOLDER	DOUBLE	POLYPROPYLENE	6	6 pkt



95. SEPARATORY FUNNEL HOLDER

Corrosion free. Horseshoe funnel holder suitable for separatory funnels. Supplied with two Olives to fit supporting rod diameters 8 to 14mm.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
130401	SEPARATORY FUNNEL HOLDER	SINGLE	POLYPROPYLENE	6	6 pkt



96. FUNNEL LONG STEM

Each size takes a standard size filter paper. The body of the funnel is at 60° angle.

Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)	Bulk Pack Size in Pkt
130601	FUNNEL LONG STEM	50MM	POLYPROPYLENE	36	6 pkt
130602	FUNNEL LONG STEM	62.5MM	POLYPROPYLENE	36	6 pkt
130603	FUNNEL LONG STEM	75MM	POLYPROPYLENE	36	6 pkt
130604	FUNNEL LONG STEM	100MM	POLYPROPYLENE	12	6 pkt



97. SEPARATORY FUNNEL

Pear shaped funnel with screw cap for superior sealing and leak proof.

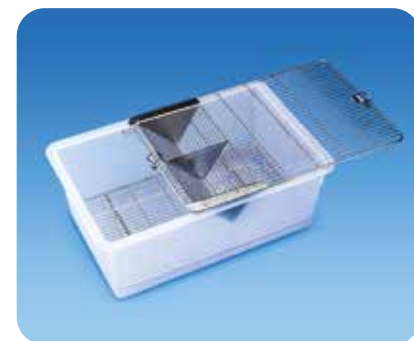


Code	Item Description	Capacity	Material of Construction	Pack Size (Pcs per Pkt)
160502	SEPARATORY FUNNEL	250ML	POLYPROPYLENE	2
160503	SEPARATORY FUNNEL	500ML	POLYPROPYLENE	2



98. ANIMAL CAGE

These provide excellent shelter for animal species in the laboratory. Metallic top provides good ventilation and provides for feeding the animal species with durable and autoclavable bottom made of PP.



Single Grill

Code No.	Size	Pcs Per Pack
160601	290 x 220 x 140mm	1
160601	430 x 270 x 150mm	1

Double Grill

Code No.	Size	Pcs Per Pack
160701	290 x 220 x 140mm	1
160702	430 x 270 x 150mm	1

99. WATER BOTTLE

These narrow mouth bottles come with attached with metal pipe for release of liquid. Easy to fill, empty and wash. Leak proof, can be autoclaved.



Straight Type

Code No.	Size	Pcs Per Pack
160801	125ML	12
160802	250ML	12



07.

Magnetic Beads

MAGNETIC BEADS

Chemically inert PTFE-coated alloy magnets.
Helps in stirring liquids on magnetic stirrers.

100. CYLINDRICAL MAGNETIC STIRRER

Suitable for most flat bottomed containers.

Code	Item Description	Capacity APP.DIA(MM) x Length(MM)	Material of Construction Length(MM)	Pack Size (Pcs per Pkt)
190101	CYLINDRICAL MAGNETIC STIRRER	6 x 10	PTFE/MAGNET	10
190107	CYLINDRICAL MAGNETIC STIRRER	8 x 14	PTFE/MAGNET	10
190109	CYLINDRICAL MAGNETIC STIRRER	8 x 22	PTFE/MAGNET	10
190111	CYLINDRICAL MAGNETIC STIRRER	8 x 30	PTFE/MAGNET	10
190113	CYLINDRICAL MAGNETIC STIRRER	8 x 40	PTFE/MAGNET	10
190114	CYLINDRICAL MAGNETIC STIRRER	8 x 50	PTFE/MAGNET	10
190116	CYLINDRICAL MAGNETIC STIRRER	8 x 65	PTFE/MAGNET	5
190117	CYLINDRICAL MAGNETIC STIRRER	9 x 18	PTFE/MAGNET	10
190119	CYLINDRICAL MAGNETIC STIRRER	9 x 22	PTFE/MAGNET	10
190121	CYLINDRICAL MAGNETIC STIRRER	9 x 30	PTFE/MAGNET	10
190123	CYLINDRICAL MAGNETIC STIRRER	9.5 x 40	PTFE/MAGNET	10
190125	CYLINDRICAL MAGNETIC STIRRER	9.5 x 50	PTFE/MAGNET	10
190127	CYLINDRICAL MAGNETIC STIRRER	9.5 x 65	PTFE/MAGNET	5
190131	CYLINDRICAL MAGNETIC STIRRER	13 x 35	PTFE/MAGNET	2
190134	CYLINDRICAL MAGNETIC STIRRER	13 x 75	PTFE/MAGNET	2



101. POLYGON

Polygon multifaceted surfaces offer better turbulence relative to similar smooth size cylindrical bars.

Code	Item Description	Capacity APP.DIA(MM)	Material of Construction Length(MM)	Pack Size (Pcs per Pkt)
190201	POLYGON	6	10	10
190202	POLYGON	8	14	10
190203	POLYGON	8	22	10
190204	POLYGON	8	30	10
190205	POLYGON	8	40	10
190206	POLYGON	8	50	5
190207	POLYGON	8	60	5



102. MICRO MAGNETIC STIRRER

Suitable for smaller vessels.

Code	Item Description	Capacity APP.DIA(MM)	Material of Construction Length(MM)	Pack Size (Pcs per Pkt)
190401	MICRO MAGNETIC STIRRER	2	6	10
190402	MICRO MAGNETIC STIRRER	3	3	10
190403	MICRO MAGNETIC STIRRER	3	6	10
190404	MICRO MAGNETIC STIRRER	3	8	10
190405	MICRO MAGNETIC STIRRER	3	10	10



103. OVAL

Suitable for round bottom flasks

Code	Item Description	Capacity APP.DIA(MM)	Material of Construction Length(MM)	Pack Size (Pcs per Pkt)
190301	OVAL	5	10	2
190302	OVAL	6	15	2
190303	OVAL	10	25	2
190304	OVAL	10	30	2
190305	OVAL	13	35	1
190306	OVAL	17	50	1



104. RETRIEVER

Made of inert PTFE; used to retrieve stirrer bars

Code	Item Description	Capacity APP.DIA(MM)	Material of Construction Length(MM)	Pack Size (Pcs per Pkt)
191004	RETRIEVER	300	-	5



General Conversion Table

Instructions for using the Table

To Convert one unit of (A) into (B) multiply by (C)

To Convert one unit of (B) into (A) multiply by (D)

A	B	C (X1 unit of A = B)	D (X1 unit of B = A)
Inches	Centimetres	2.54	0.3937
Feet	Centimetres	30.48	0.0328
Yards	Metres	0.194	1.094
Miles	Metres	1,609.30	0.000621
Nautical miles	Metres	1,853.27	0.000539
Square inches	Sq. cms	6.45	0.155
Square feet	Sq. Metres	0.093	10.764
Square yards	Sq. Metres	0.836	1.196
Cubic inches	Cub. cms.	16.39	0.061
Cubic feet	Litres	28.3	0.0353
Cubic feet	Gallons	6.24	0.1602
Cubic yards	Cub. metres	0.765	1.308
Pounds (Troy)	Kilogrammes	0.3732	2.68
Ounces (Troy)	Grammes	31.1	0.03216
Pounds (Avoir.)	Kilogrammes	0.4536	2.2046
Pounds (Avoir.)	Grains (Troy)	7,000	0.000143
Ounces (Avoir.)	Grammes	28.35	0.0353
Grains	Grammes	0.065	15.38
Cwt.	Kilogrammes	50.8	0.01968
Tons	Kilogrammes	1,016	0.000984
Gallons	Litres	4.546	0.22
Gallons of water	Pounds	10	0.1
Pounds of water	Litres	0.454	2.202
Lb per sq. in.	Gm./sq. cm.	70.3	0.0142
Lb per sq. in.	H'd of water (ft.)	2.3	0.434

To obtain From Multiply-by above

A	B	C (X1 unit of A = B)	D (X1 unit of B = A)
Lb. per sq. in	H'd of water (M.)	0.7	1.4285
Lb. per sq. in	Atmospheres	0.068	14.7
Tons per sq. in	Kgm./sq. mm.	1.575	0.635
Lb. per sq. ft	Kgm./sq. metre	4.883	0.205
Lb. per cub. yd.	Kgm./cub. metre	0.593	1.686
Lb. per cub. ft	Kgm./cub. metre	16.02	0.0624
Lb. per gallon	Kgm./litre	0.0998	10.02
Foot-lb	K'gram-metres	0.1833	7.23
Foot-tons	Tonne-metres	0.33	3
Hors-Power	Force de Cheval	1.014	0.9861
Hors-Power	Watts	746	0.00134
Hors-Power	Ft.-lb / min	33,000	0.00003
Hors-Power	Kg.-m. / sec.	73	0.01316
Watts	Ft.-lb. / min	44	0.0227
Watts	Kg.-m. / sec	0.1	10
Heat units	Cal ories	0.252	3.97
Atmospheres	Lb. / sq. inch	14.7	0.068
German candles	English candles	0.90	1.1111
Carrels	Candles.	9.55	0.1047
Joules	Ft. / lb	0.737	1.357
Miles / hour	Ft. / Min	88	0.01134
Metres / sec	Ft / Min.	197	0.00508
C.H.U	B. Th. U.	1.8	0.5555
Centipoise	Lb. force sec. / Sq. ft.	0.208	4.8

To obtain From Multiply-by above

PERIODIC TABLE OF THE ELEMENTS

Non-Metals Alkali Metals Alkaline-Earth Metals Transition Metals Semi-Metallics
Other Metals Halogens Inert Gases Lanthanides Actinides

1. hydrogen 1 H 1.0079	2. beryllium 4 Be 9.0122	3. lithium 3 Li 6.941	4. sodium 11 Na 22.990	5. magnesium 12 Mg 24.305	6. aluminum 13 Al 26.982	7. silicon 14 Si 28.086	8. phosphorus 15 P 30.974	9. sulfur 16 S 32.065	10. chlorine 17 Cl 35.453	11. argon 18 Ar 39.948
19. potassium 19 K 39.098	20. calcium 20 Ca 40.078	21. scandium 21 Sc 44.956	22. titanium 22 Ti 47.867	23. vanadium 23 V 50.942	24. chromium 24 Cr 51.996	25. manganese 25 Mn 54.938	26. iron 26 Fe 55.845	27. cobalt 27 Co 58.933	28. nickel 28 Ni 58.693	29. copper 29 Cu 63.546
37. rubidium 37 Rb 85.468	38. strontium 38 Sr 87.62	39. yttrium 39 Y 88.906	40. zinc 40 Zn 65.38	41. niobium 41 Nb 92.906	42. molybdenum 42 Mo 95.96	43. technetium 43 Tc [98]	44. ruthenium 44 Ru 101.07	45. rhodium 45 Rh 102.91	46. palladium 46 Pd 106.42	47. silver 47 Ag 107.87
55. caesium 55 Cs 132.91	56. barium 56 Ba 137.33	57-71 lanthanum 57 La 138.91	72. hafnium 72 Hf 178.49	73. tantalum 73 Ta 180.95	74. tungsten 74 W 183.84	75. rhenium 75 Re 186.21	76. osmium 76 Os 190.23	77. iridium 77 Ir 192.22	78. platinum 78 Pt 195.08	79. gold 79 Au 196.97
87. francium 87 Fr [223]	88. radium 88 Ra [226]	89-103 actinium 89 Ac [227]	104. rutherfordium 104 Rf [267]	105. dubnium 105 Db [268]	106. seaborgium 106 Sg [271]	107. bohrium 107 Bh [272]	108. hassium 108 Hs [270]	109. meitnerium 109 Mt [276]	110. darmstadtium 110 Ds [281]	111. roentgenium 111 Rg [280]
117. tennessine 117 Ts [294]	118. oganesson 118 Og [294]	119. ununseptium 119 Uus [295]	120. ununoctium 120 Uuo [296]	121. ununoctium 121 Uuo [297]	122. unbium 122 Uub [298]	123. ununbium 123 Uub [299]	124. unquadrum 124 Uuq [300]	125. unpentium 125 Uup [301]	126. unhexium 126 Uuh [302]	127. unseptium 127 Uus [303]

lanthanum 57 La 138.91	cerium 58 Ce 140.12	praseodymium 59 Pr 140.91	neodymium 60 Nd 144.24	promethium 61 Pm [145]	samarium 62 Sm 150.36	europtium 63 Eu 151.96	gadolinium 64 Gd 157.25	terbium 65 Tb 158.93	dysprosium 66 Dy 162.50	holmium 67 Ho 164.93	erbium 68 Er 167.26	thulium 69 Tm 168.93	ytterbium 70 Yb 173.05	lutetium 71 Lu 174.97
actinium 89 Ac [227]	thorium 90 Th 232.04	protactinium 91 Pa 231.04	uranium 92 U 238.03	neptunium 93 Np [237]	plutonium 94 Pu [244]	americium 95 Am [243]	curium 96 Cm [247]	berkelium 97 Bk [247]	californium 98 Cf [251]	esbium 99 Es [252]	fermium 100 Fm [257]	mendeleevium 101 Md [258]	nobelium 102 No [259]	lawrencium 103 Lr [262]

Physical Properties of PlastX Labware

Resin	Max Use Temp °C	Brittleness Temp °C	Transparency	Sterilization					Specific Gravity	Flexibility	Water Absorption %
				Autoclaving	Gas	Dry Heat	Radiation	Disinfectant			
HDPE	120	-100	Translucent	No	Yes	No	Yes	Yes	0.95	Rigid	< 0.01
LDPE	80	-100	Translucent	No	Yes	No	Yes	Yes	0.92	Excel	< 0.01
PC	135	-135	Clear	Yes+	Yes	No	No	Yes	1.20	Rigid	0.35
PMMA	50	20	Clear	No	Yes	No	Yes	Some	1.20	Rigid	0.30
PP	135	0	Translucent	Yes	Yes	No	No	Yes	0.90	Rigid	< 0.02
PS	90	20	Clear	No	Yes	No	Yes	Some	1.05	Rigid	0.05
PSF	165	-10	Clear	Yes	Yes	Yes+	Yes	Yes	1.24	Rigid	0.30
PTFE	270	-200	Opaque	Yes	Yes	Yes	No	Yes	2.17	Excel	< 0.01
PVDF	110	-62	Translucent	Yes	Yes	No	No	Yes	1.75	Rigid	0.05
TPX*	175	20	Clear	Yes	Yes	Yes+	No	Yes	0.83	Rigid	< 0.01

Sterilization

- Autoclaving (121° C, 15 psi for 20 minutes) Clean and rinse item with distilled water before autoclaving. Certain chemicals which have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures. ALWAYS COMPLETELY DISENGAGE THREADS BEFORE AUTOCLAVING.
 - Gas - Ethylene oxide, formaldehyde.
 - Dry Heat - 106° C for 120 minutes.
 - Disinfection - Benzalkonium chloride, Formalin, Ethanol,
 - Radiation - Gamma irradiated at 2.5 Mard with unstabilized plastic.
- + Sterilizing reduces mechanical strength. Do not use PC vessels for vacuum application if they have been autoclaved.

Chemical Resistance for PlastX Labware

Class of Substance at Room Temperature	HDPE	LDPE	PC	PMMA	PP	PS	PSF	PTFE	PVDF	TPX*
Acids, Dilute or Weak	E	E	E	G	E	E	E	E	E	E
Acids, Strong and Concentrated	E	E	N	N	E	F	G	E	E	E
Alcohols, Aliphatic	E	E	G	N	E	E	G	E	E	E
Aldehydes	G	G	F	G	G	N	F	E	E	G
Bases	E	E	N	F	E	E	E	E	E	E
Esters	G	G	N	N	G	N	N	E	G	G
Hydrocarbons, Aliphatic	G	F	F	G	G	N	G	E	E	F
Hydrocarbons, Aromatic	G	F	N	N	F	N	N	E	E	F
Hydrocarbons, Halogenated	F	N	N	N	F	N	N	E	N	N
Ketones	G	G	N	N	G	N	N	E	N	F
Oxidizing Agents, Strong	F	F	N	N	F	N	G	E	G	F

Resin Code

HDPE	High-density polyethylene
LDPE	Low-density polyethylene
PC	Polycarbonate
PMMA	Polymethyl methacrylate
PP	Polypropylene
PS	Polystyrene
PSF	Polysulfone
PTFE	Polytetrafluoroethylene
PVDF	Polyvinylidene fluoride
TPX*	Polymethylpentene

Chemical Resistance Classification

- E = Excellent - days of constant exposure cause no damage. Plastics may even tolerate for years.
- G = Good - Little or no damage after 30 days of constant exposure to the reagent.
- F = Fair - Some effect after 7 days of constant exposure to the reagent crazing, cacking, loss of strength or discoloration.
- N = Not Recommended - Not for continuous use. Immediate damage may occur.

*TPX is the registered Trade Mark of Mitsui & Company Limited

Thermoplastics Chemicals and Properties

CHEMICAL STABILITY OF PLASTICS

Medium	PTFE		PMP(TPX)		PP		HDPE		LDPE		PC		POM		PA		SAN		PMMA		PS		NR
	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C
Acetaldehyde	E	E	G	F	E	F	E	G	E	F	G	F	E	E	G		F	F	F	F	F	F	F
Acetic acid (glacial acetic acid), 100%	E	E	E	G	E	G	E	E	E	G	F	F	F	F	F	F					F	F	G
Acetic acid 50%	E	E	E	E	E	E	E	E	E	E	E	G	G	F	F	F	E	G	F	F	G	G	F
Acetic anhydride	E	E	E	G	G	G	G	G	F	F	F	F	F	F	G	G					F	F	G
Acetone	E	E	E	E	E	E	E	E	E	G	F	F	E	E	E		F	F	F	F	F	F	G
Acetonitrile	E	E	G	F	E	G	E	G	E	G	F	F	E		E		F	F	F	F	F	F	F
Acetophenone	E	E	G	F	G	G	G	G	F	F	F	F	E		E		F	F	F	F	F	F	F
Acetyl chloride (acetic acid chloride)	E	E			E		E		E		F	F			F	F	F	F	F	F	F	F	F
Acetylacetone	E	E	E		E		E		E		F	F	E				F	F	F	F	F	F	F
Acrylic acid(2- propenic acid)	E	E	E		E		E		E		F	F	F	F			F	F	F	F	F	F	F
Acrylonitrile	E	E	F	F	G	F	E	E	E	E	F	F	F	F	E		F	F	F	F	F	F	F
Adipic acid	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E
Allyl alcohol(2-propan-1-ol)	E	E	E	G	E	E	E	E	E	E	G	G	E	E	G		G	F	F	F	G	G	G
Aluminium chloride	E	E	E	E	E	E	E	E	E	E	F	F	E	G	G	F	E	E	E	E	E	E	G
Aluminium hydroxide	E	E	E	G	E	E	E	E	E	E	G	F	E	E	E	E	G	G	G	G	G	G	E
Amino acid	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium chloride	E	E	E	E	E	E	E	E	E	E	G	G	E	E	E		E	E	G	G	E	E	E
Ammonium fluoride	E	E	E	E	E	E	E	E	E	E	G	G	E	E	E		E	E	G	G	E	E	F
Ammonium hydroxide,30%(ammonia)	E	E	E	E	E	E	E	E	E	E	F	F	G	G	G		E	G	E	E	G	F	E
Ammonium sulphate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	G
n-Amyl acetate (pentyl acetate)	E	E	E	G	G	F	E	G	G	F	F	F	E	E	G		F	F	E	E	F	F	G
Amyl alcohol (pentanol)	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		E	E			G	G	G
Amyl chloride (chloropentane)	E	E	F	F	F	F	F	F	F	F	F	F	E	E	E		F	F	F	F	F	F	F
Aniline	E	E	E	G	E	E	E	E	E	G	G	F	G	G	G	F	F	F	F	F	F	F	F
Aqua regia	E	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Barium chloride	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E
Benzaldehyde	E	E	E	E	E	E	E	E	E	E	G	F	E	E	G		F	F	F	F	F	F	F
Benzene	E	E	G	G	E	G	E	E	G	F	F	F	E	G	E		F	F	F	F	F	F	F
Benzoyl chloride	E	E	G	G	E	G	E	E	G	F	F	F	E	G	F	F	F	F	F	F	F	F	F
Benzyl alcohol	E	E	G	F	G	F	G	F	G	F	G	G	E	E	F	F	F	F	F	F	F	F	F
Benzyl chloride	E	E											E		E						F	F	F
Benzylamine	E	E	G		G		G		G	F	F	F	E				F	F	F	F	F	F	F
Boric acid, 10%	E	E	E	E	E	E	E	E	E	F	E	E	E	E	E		E	E	E	E	E	E	E
Bromine	E	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Bromobenzene	E	E	F	F	F	F	F	F	F	F	F	F			E		F	F	F	F	F	F	F
Bromoform	E	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Bromonapthalene	E	E															F	F			F	F	
Butanediol	E	E	E	E	E	E	E	E	E	E			E	E	E		F	F			F	F	G
1-Butanol (butyl alcohol)	E	E	E	G	E	E	E	E	E	E	G	G	E	E	E	G	E	G	G	F	G	F	E
n-Butyl acetate (acetic acid n-butyl ester)	E	E	E	G	G	G	E	E	G	G	F	F	E	G	E		F	F	F	F	F	F	F
Butyl methyl ether	E	E	E	F	E	G	G	F	G	F	F	F	E	E			F	F	F	F	F	F	F
Butylamine	E	E											E	E			F	F			F	F	F
Butyric acid (butanoic acid)	E	E			F	F	G	F	F	F	G	F			G	G	F	F			F	F	F
Calcium carbonate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Calcium Chloride	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F	F	E	E	E	E	E	E	E
Calcium hydroxide	E	E	E	E	E	E	E	E	E	E	F	F	E	E	E		E	G	E	E	E	G	E
Calcium hypochlorite	E	E	E	G	E	E	E	E	E	E	G	F	E	E	E	F	E	E	G	G	E	E	F
Carbon disulphide	E	E	F	F	F	F	F	F	F	F	F	F	E	E	G		F	F	F	F	F	F	F
Carbon tetrachloride	E	E	F	F	F	F	G	F	G	F	F	F	G	G	F	F	F	F	G	F	F	F	F
Chloroacetaldehyde, 45%	E	E														F	F	F	F	F	F		
Chloroacetic acid (monochloroacetic acid)	E	E	E	G	E	G	E	E	E	E	G	F	F	F	F	F	F	F	G	F	G	F	F
Chloroacetone	E	E															F	F	F	F	F	F	G

Medium	PTFE		PMP(TPX)		PP		HDPE		LDPE		PC		POM		PA		SAN		PMMA		PS		NR
	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C
Chlorobenzene	E	E	F	F	F	F	F	F	F	F	F	F			F	F	F	F	F	F	F	F	F
Chlorobutane	E	E	G	F	G	F	G	F	G	F			F	F			F	F	F	F	F	F	F
Chloroform	E	E	G	F	F	F	G	F	G	F	F	F	F	F	G	F	F	F	F	F	F	F	F
Chloronaphthalene	E	E											F	F									F
Chlorosulphonic acid	E	E											F	F	F	F							F
Cromic acid, 10%	E	E	E	E	E	E	E	E	E	E	E	G	G	G	F	F	F	F	G	F	F	F	F
Cromic acid , 50%	E	E	G	G	G	G	E	G	E	G	G	F	F	F	F	F	G	G	F	F	F	F	F
Cromic sulphuric acid	E	E	G	F	F	F	F	F	F	F	F	F	F	F	F	F	G	G	F	F	G	G	F
Copper sulphate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		E	G	E	E	E	E	G
Cresol	E	E	F	F	G	G	G	F	F	F	F	F			F	F					F	F	F
Cumene(Isopropylbenzene)	E	E	F	F	G	F	E	G	G	F	F	F	E	F			F	F	F	F	F	F	F
Cyclohexane	E	E	F	F	G	F	G	F	G	F	F	F	E	E	E						F	F	F
Cyclohexenone	E	E	G	G	G	F	G	F	F	F	F	F			E						F	F	F
Cyclopentane	E	E	G	F	G	F	G	F	F	F	F	F									F	F	F
Decane	E	E	G		G		G	F			G		E										F
1-Decanol	E	E	E		E		E				G		E				G				G		G
Di-ethylene glycol	E	E	E	E	E	E	E	E	E	E	G	G	E	G	G		E	E	F	F	G	F	E
Dibenzyl ether	E	E	G		E		E						E				F	F	F	F	F	F	F
Dibromoethane	E	E																					
Dibutylphthalate	E	E	E	G	E	G	G	F	G	F	F	F	E	E			F	F	F	F	F	F	F
Di-chloroacetic acid	E	E	E	E	G	F	G	G	G	F	G	F			F	F					G	F	F
Dichlorobenzene	E	E	F	F	G	F	G	F	G	F	F	F	F	F	E		F	F	F	F	F	F	F
Dichloroethane	E	E	G	F	G	F	G	F	G	F			F	F	G								F
Dichloromethane (Methylene chloride)	E	E	G	F	G	F	G	F	G	F	F	F			G	F					F	F	F
Diesel oil	E	E	G	F	E	G	E	G	G	F	F	F	E	E	E	E	F	F	G	F	F	F	F
Diethanolamine	E	E			G		G				F	F					F	F	F	F	F	F	
Diethyl ether	E	E	F	F	G	F	G	F	F	F	F	F	E	E	E	E	F	F	F	F	F	F	F
Di-ethylamine	E	E	G	G	G	F	G	F	F	F	F	F									G	G	G
1,2 Diethylbenzene	E	E	F	F	F	F	G	F	F	F	G	F									F	F	F
Dimethyl sulphoxide(DMSO)	E	E	E	E	E	E	E	E	E	E	F	F					F	F	F	F	F	F	
Dimethylaniline	E	E									F	F					F	F	F	F	F	F	F
Dimethylformamide(DMF)	E	E	E	E	E	E	E	E	E	E	F	F	E	E	E		F	F	F	F	F	F	G
1,4-Dioxane	E	E	G	G	E	G	E	E	E	G	G	G	G	G	E		F	F	F	F	F	F	F
Diphenyl ether	E	E											G		G		F	F	F	F	F	F	F
1,2 Ethanediol (ethylene glycol, glycol)	E	E	E	E	E	E	E	E	E	E	E	E	E	E	G	G	E	E	E	E	E	E	F
Ethanol (ethyl alcohol)	E	E	E	G	E	E	E	E	E	E	E	G	E	E	E		G	F	F	F	G	F	G
Ethanolamine	E	E			E																		F
Ethyl acetate (acetic acid ethyl ester)	E	E	G	F	E	G	E	E	E	E	F	F			E						F	F	F
Ethyl methyl Ketone(MEK)	E	E	F	F	E	G	G	F	G	F	F	F	F	F	E		F	F			F	F	F
Ethylbenzene	E	E	F	F	F	F	F	F	F	F	F	F					F	F	F	F	F	F	F
Ethylene Oxide	E	E	G	F	G	F	G	G	G	G	G	F	E	E	G		F	F	F	F	F	F	F
Fluroacetic acid	E										F	F	F	F			F	F	F	F	F	F	F
Formaldehyde, 40%	E	E	E	E	E	E	E	E	E	E	E	G	E	E	E	G	E	E	F	F	F	F	G
Formamide	E	E	E	E	E	E	E	E	E	E			F	F	E								E
Formic acid, 98-100%	E	E	E	G	E	E	E	E	E	E	E	G	F	F	F	F	G	G	F	F	E	G	G
Gasoline	E	E	G	G	G	G	E	E	G	F	G	F	E	E	E		F	F	E		F	F	F
Glycerine	E	E	E	E	E	E	E	E	E	E	E	E	G	G	E	E	E	E	E	E	E	E	G
Glycolic acid, 70%	E	E	E	E	E	E	E	E	E	E					F	F							E
Heating oil (Diesel oil)	E	E	G	F	E	G	E	G	G	F	F	F	E	E	E		F	F	G	F	F	F	F
Heptane	E	E	G	G	G	G	G	G	G	F	E	G			E				G	F	F	F	F
Hexane	E	E	G	F	E	G	E	G	G	F	F	F	E	E	E		E	E	G	G	F	F	F
Hexonic acid	E	E																	E				
Hexanol	E	E	E	E	E	E	E	E	E	E									E				G
Hydrochloric acid,10%	E	E	E	E	E	E	E	E	E	E	F	F	F	F	F	F	G	F	G		E	E	G
Hydrochloric acid,20%	E	E	E	E	E	E	E	E	E	E	F	F	F	F	F	F	G	F	G	F	E	E	G
Hydrochloric acid, 37%	E	E	E	E	E	E	E	E	E	E	F	F	F	F	F	F	G	F	G	F	G	G	G

Medium	PTFE		PMP(TPX)		PP		HDPE		LDPE		PC		POM		PA		SAN		PMMA		PS		NR
	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C
Hydrofluoric acid, 40%	E	E	E	E	E	E	E	E	E	E	F	F	F	F	F	F	E	G	F	F	E	E	F
Hydrofluoric acid, 70%	E	G	E	G	E	G	E	G	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Hydrogen bromide	E	E	E	E	E	E	E	E	E	E	E	E	F	F	F	F					G	F	G
Hydrogen peroxide, 35%	E	E	E	E	E	E	E	E	E	E	E	E	E	F	F	F	E	E	F	F	E	E	F
Hydroiodic acid	E	E	E	E	E	E	E	E	E	E													
Isoamyl alcohol (3-methyl-1-butanol)	E	E	E	E	E	E	E	E	E	E			E	E									G
Isobutanol (isobutyl alcohol)	E	E	E	E	E	E	E	E	E	E	E	E	E	E			G	F	G	F	G	G	E
Isooctane	E	E									G				E		G	F			G	F	F
Isopropanol (2-propanol)	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		E	F	G	F	G	G	E
Isopropyl ether	E	E	F	F	F	F	F	F	F	F	F	F			F	F					F	F	F
Lactic acid (2-hydroxypropionic acid)	E	E	E	E	E	E	E	E	E	E	E	E	E	F	G	F	E	E	G	F	E	E	G
Lugol's solution (Iodine/potassium iodine solution)	E	E	E	G	E	E	F	F	F	F	G	F	G	G			G	F	F	F	G	F	E
Mercury	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E
Mercury chloride	E	E	E	E	E	E	E	E	E	E	E	E	G	G	F	F	E	E	E	E	E	G	E
Methanol	E	E	E	E	E	E	E	E	E	G	E	G	E	E	G		G	F	F	F	G	F	G
Methoxybenzene	E	E									F	F	G				F	F	F	F	F	F	F
Methyl butyl ether	E	E	E	G	E	E	G	F	F	F	F	F	G				F	F	F	F	F	F	F
Methyl ethyl ketone(MEK)	E	E	F	F	E	G	G	F	G	F	F	F	F	F			F	F	F	F	F	F	F
Methyl formate (formic acid methyl ester)	E	E									F	F	E				F	F	F	F	F	F	F
Methyl propyl ketone	E	E	G	G	E	G	E	E	E	G	F	F	E	E			F	F	F	F	F	F	F
Methylene chloride (dichloromethane)	E	E	F	F	G	F	G	F	G	F	F	F	F	F	G	F	F	F	F	F	F	F	F
Mineral oil	E	E	E	E	E	E	E	E	E	G	F	F	E	E			E		E	E	E		F
Monochloroacetic acid	E	E	E	G	E	G	E	E	E	E	G	F	F	F	F	F	F	F	G	F	G	F	F
Nitric acid, 10%	E	E	E	E	E	E	E	E	E	E	E	G	F	F	F	F	E	G	E	G	F	F	F
Nitric acid, 30%	E	E	G	F	G	F	G	F	G	G	E	G	F	F	F	F	G	F	G	G	F	F	F
Nitric acid, 70%	E	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Nitrobenzene	E	E	F	F	F	F	G	F	F	F	F	F	G	F	F	F	F	F	F	F	F	F	F
Oleic acid	E	E													G		F	F	F	F	F	F	F
Oxalic acid	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F	F	E	E	E	E	E	E	G
Ozone	E	E	E	E	G	F	G	F	G	F	F	F	F	F	F	F	G	G	E	G	G	G	F
n-Pentane	E	E													G								F
Peracetic acid	E	E									F	F	F	F									
Perchloric acid	E	E	G	F	E	F	E	F	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Perchloroethylene	E	E	F	F	F	F	F	F	F	F	F	F	E	G	F	F	G	G	G	F	F	F	F
Petroleum	E	E	G	G	G	F	G	F	G	F	G	G	E	E	E				E		F	F	F
Petroleum ether	E	E							G				E	E	E				E		F	F	F
Phenol	E	E	G	G	E	E	E	E	E	G	F	F	F	F	F	F	F	F	F	F	F	F	F
Phenyl ethanol	E	E			G		G								G								
Phenyldiazine	E	E			G		G																G
Phosphoric acid, 85%	E	E	E	E	E	E	E	E	E	E	E	E	E	F	F	F	E	E	F	F	E	G	F
Piperadine	E	E			E		E																F
Potassium chloride	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		G	G	E	E	G	G	E
Potassium Dichromate	E	E													F	F							G
Potassium hydroxide	E	E	E	E	E	E	E	E	E	E	F	F	E	E	E		G	G	E	E	G	G	G
Potassium permanganate	E	E	E	E	E	E	E	E	E	E	E	E	G	G	F	F	E	G	E	E	E	E	F
Propanol	E	E	E	E	E	E	E	E	E	E	G		E	E	E	E	E	E	G		G		E
Propionic acid	E	E	E	G	E	G	E	G	G	F	F	F	F	F	G	G					G	F	F
Propylene glycol (propanediol)	E	E	E	E	E	E	E	E	E	E	E	G	E	E	F	F	F	F	G	G	E	E	E
Pyridine	E	E	E	G	G	G	E	G	E	G	F	F	E	G	E		F	F	F	F	F	F	F
Salicylaldehyde	E	E	E	E	E	E	E	E	E	E	G	G					F	F			F	F	
Salicylic acid	E	E	E	E	E	E	E	E	E	E			F	F	E		E	E			E	E	E
Silver acetate	E	E	E	E	E	E	E	E	E	E	E	E	G	G			G	G	G	G	G	G	E
Silver nitrate	E	E	E	E	E	E	E	E	E	E	E	E	G	G	E		E	E	E	E	G	G	E
Sodium acetate	E	E	E	E	E	E	E	E	E	E	E	E	E	G	E		E	E	F	F	E	E	E

Medium	PTFE		PMP(TPX)		PP		HDPE		LDPE		PC		POM		PA		SAN		PMMA		PS		NR
	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C
Sodium Chloride	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E
Sodium dichromate	E	E	E	E	E	E	E	E	E	E	E	F	E	E	E		E	G	E	G	E	G	E
Sodium fluoride	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	G
Sodium hydroxide	E	E	E	E	E	E	E	E	E	E	F	F	E	E	E	G	E	E			E	E	G
Sulphuric acid, 60%	E	E	E	E	E	E	E	E	E	E	G	G	F	F	F	F	E	G	F	F	F	F	F
Sulphuric acid, 98%	E	E	E	E	F	F	G	F	G	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Tartaric acid	E	E	E	E	E	E	E	E	E	E	E	E	E	E	G	G	E	E	G	G	E	E	E
Tetrachloroethylene	E	E													F	F							F
Tetrahydrofuran(THF)	E	E	G	F	F	F	G	F	G	F	F	F	G	G	E		F	F	F	F	F	F	F
Tetramethylammonium hydroxide	E	E									F	F	F	F									
Toluene	E	E	G	F	G	F	G	G	G	F	F	F	E	E	E		F	F	F	F	F	F	F
Tri-ethylene glycol	E	E	E	E	E	E	E	E	E	E	E	G	E	G			E	E	G	G	E	E	G
Tri-propylene glycol	E	E	E	E	E	E	E	E	E	E	E	G	E	G			E	E	G	G	E	E	E
Trichloroacetic acid	E	E	E	E	G	F	G	G	G	F	G	F			F	F					G	F	G
Trichlorobenzene	E	E	G	G	F	F	F	F	F	F	F	F									F	F	
Trichloroethane	E	E	F	F	F	F	G	F	F	F	F	F	G	F	G		F	F	F	F	F	F	F
Trichloroethylene	E	E	F	F	F	F	G	F	F	F	F	F	F	F	G		F	F	F	F	F	F	F
Trichlorotrifluoroethane	E	E													G		F	F			F	F	
Triethanolamine	E	E															F	F			F	F	G
Trifluoroacetic acid (TFA)	E	G											F	F			F	F			F	F	
Trifluoroethane	E	E															F	F			F	F	F
Turpentine	E	E	G	G	F	F	G	F	G	F	F	F	E	E	E		G	G	E	E	F	F	F
Urea	E	E	E	E	E	E	E	E	E	E	F	F	E	E	E		E	E	E	E	E	E	E
Xylene	E	E	G	F	F	F	G	F	G	F	F	F	E	E	E		F	F	F	F	F	F	F
Zinc Chloride, 10%	E	E	E	E	E	E	E	E	E	E	E	E	E	G	F	F	E	E	F	F	E	E	E
Zinc Sulphate, 10%	E	E	E	E	E	E	E	E	E	E	E	E	G	F	F	F	E	E	G	G	E	E	G

E = Continuous exposure to media and solvents causes no harm to the product.

G = Continuous exposure for 7 -30 days to media and solvents causes minor damage to the product.
(e.g. swelling, softening, mechanical strength, discolouration).

F= Not Suitable for continuous exposure to media and solvents. May damage the product.
(e.g. deformation, cracking, liquification)

The above Chemical resistance chart is meant to be used as a guide only. As temperature, exposure time and functional conditions affect resistance and can vary for each application, PlastX highly recommends users to evaluate products under their own conditions prior to use. PlastX does not warrant (neither expressed or implied) that the information in this chart is accurate or that any material is suitable for any purpose.

WHAT IS GAMMA IRRADIATION ?

Gamma rays are a form of electromagnetic radiation—like x-rays, but with higher energy. The primary industrial sources of gamma rays are radionuclide elements such as Cobalt 60, which emit gamma rays during radioactive decay. Gamma rays pass readily through plastics and kill bacteria by breaking the covalent bonds of bacterial DNA. They are measured in units called kiloGrays (kGy).

Gamma irradiation provides a number of benefits in cost and sterility assurance. It can be applied under safe, well-defined, and controlled operating parameters, and is not a heat- or moisture-generating process. Consequently, there is no heat stress and condensate drainage or outgassing is not required. Most importantly, there is no residual radioactivity after irradiation.

DOSE VALIDATION

Gamma Radiation dose is validated according to IS. EN. ISO 11137-2 Method 1 to confirm the SAL 10⁻⁶.

For that routine testing of bioburden & Sterility test carried out at our manufacturing facility.

VALIDITY OF STERILITY

We assure all sterile products have been sterile through Co-60 gamma radiation with valid certified dose and has been PASSED for all sterility tests. We confirm that the Sterile product would be Sterile until unless the packing pouch is not tampered/punctured/open or 5 yrs from date of Radiation.

SUITABILITY OF PLASTX PLASTICS FOR FOODSTUFF

The phthalates for which opinions have been given by EFSA (European Food Safety Authority and TDI's (Tolerable Daily Intake) established for use in plastics for containers in food application, are not intentionally added in the manufacture of or the formulation of this product. The phthalates are di-isobutyl phthalate (DIBP), di-(2-ethylhexyl) phthalate (DEHP), di-n-butyl phthalate (DBP), di-isodecyl phthalate (DIDP), butylbenzyl phthalate (BBP). In addition, di-isobutyl phthalate (DIBP) has recently been classified by TC C&L of ECB (Commission Working Group on Classification & Labeling – European Chemicals Bureau) in accordance with the requirements of Directive 67/548/EC (Classification and labeling of dangerous substance), taking into account a NOAEL, the toxicity of DIBP is more than 100 times lower than DNBPs (product assessed by EFSA for use in plastics in contact with food). Phthalates are not used in the manufacture of or the formulation of any Plastx manufactured products.

Plastx manufactured products have passed the USP tests for a Class VI, physio-chemical testing and meets USP limits.

Plastx manufactured products are made from the base resin which meets the FDA requirements contained in the Code of Federal Regulation in 21 CFR 177.1520 (a)(3)(i) and (c)3.1a. 3. 2a. All other ingredients meet the requirements of their respective FDA regulations and 21 CFR 177.1520(b). All Plastx manufactured products meet the FDA criteria in 21 CFR 177.1520 for food contact applications, including cooking.

AUTOClave GUIDE LINE

To ensure successful steam sterilization of your plastic labware please adhere to the following guideline: Autoclave all plastic consumables at 121°C for 20 minutes, 15psi/1 atm. 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 80°C before removing product.

Autoclaving (steam sterilisation) is defined as the destruction or irreversible inactivation of all reproducible microorganisms under exposure to "saturated steam at a minimum of 120 °C." (DIN 58946-1, 1987). DIN EN 285 specifies a minimum exposure time (t_e) of 20 minutes (killing time and safety margin) at a sterilisation temperature of 121 °C. For the correct sterilisation procedure, including biological safety (DIN EN285), please contact your hygiene specialist.

Prior to autoclaving plastic labware, ensure that no soiling or residual contamination remains on the equipment. Otherwise, the residual contamination will bake on solidly during the autoclaving process. Even substances that have no effect on the plastic at room temperature can still lead to destruction of the plastic during the autoclaving process. Additionally, microorganisms might not be killed effectively if they are protected by the residual contamination.

NOTES ON AUTOCLAVING

- Containers with screw tops or stoppers must be open during autoclaving to allow for pressure equalisation.
- Autoclaving of a closed container will lead to the deformation or destruction of the container.
- Plastic labware should be stood upright on a level surface during autoclaving to avoid shape deformation.
- Plastic labware should not be laid on its side during autoclaving.
- No mechanical stresses should be present during autoclaving.
- For example, do not stack items.
- Do not autoclave any container that contains residual contamination or even rinsing agent.
- Not all plastics are resistant to steam sterilisation! For example, polycarbonate loses its tensile strength.
- Mind the temperature limits for the plastics.
- Autoclavable products are identified with a "121 °C" symbol in this catalogue.

The surfaces of some plastics can be attacked by chemicals present during autoclaving, which can cause persistent clouding. Some transparent plastics can absorb minute quantities of steam, which can lead to reversible clouding. This clouding disappears upon drying, which can be accelerated through the use of a drying oven.

RPM VS. RCF “WHAT’S THE DIFFERENCE?”

RPM— stands for “Revolutions Per Minute” and is the speed that your rotor spins in your centrifuge.

RPM is specific to individual centrifuge brands and rotor sizes.

RCF— stands for “Relative Centrifugal Force” and is better known as g-force. This indicates the actual force resulting from the spinning action in the centrifuge. It is g-force that drives sample separation. The following equation can be used to convert RPM to RCF for any model centrifuge.
$$RCF = 0.0001118 \times \text{radius of rotation (cm)} \times \text{RPM}^2$$

Note: radius of rotation is given by the distance of the furthest most point of the tube from the axis of rotation. Please refer to your centrifuge user guide for radius value.

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Notes



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