



Tips for Superior

Performance

DNV·GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 194391-2015-AQ-IND-RvA
Initial certification date: 10, September, 2009
Valid: 10, September, 2018 - 09, September, 2021

This is to certify that the management system of
Tarsons Products Pvt. Ltd.
 Jasmine Tower, 31, Shakespeare Sarani, Kolkata - 700 017, West Bengal, India
 and the sites as mentioned in the appendix accompanying this certificate
 has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Manufacture and distribution of plastic labware

Place and date:
Chennai, 24, August, 2018


 The RvA is a signatory to the IAF MLA.

For the issuing office:
 DNV GL - Business Assurance
 ROMA, No. 10, GST Road, Alendur,
 Chennai - 600 016, India


 Sivadasan Madiyath
 Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
 ACCREDITED UNIT: DNV GL Business Assurance B.V., ZWOLLESEWEG 1, 2094 LB, SCHOONHECHT, NETHERLANDS. TEL: +31102932699.
 #DNVGLINDIA

Presafe
A DNV GL & NEMKO COMPANY

Management System Certificate

Certificate No: 259788-2016-AQ-IND-NA-PS Rev. 0.0
Project No: PRJC-352357-2011-MSC-IND
Initial Certification Date: 12 April 2016
Valid Until: 23 February 2021

This is to certify that the management system of:
Tarsons Products Pvt.Ltd.
 Jasmine Towers, Suite Number 213 - 214, 31 Shakespeare Sarani, Kolkata - 700
 017, INDIA
 With sites as listed overleaf.

Complies with the requirements of:
ISO 13485:2016/NS-EN ISO 13485:2016

The Certificate is valid for the following scope:
**Development, Manufacturing, Marketing and Supply of Sterile and Non-
 Sterile Plastic Labwares for Clinical and Medical use.**

Place and Date:
Høvik, 12 April 2018


 For:
DNV GL NEMKO PRESAFE AS

 Eugenie Winger Husebye

MSD-00-078
 Notice: This Certificate is subject to terms and conditions as set out in the Certification Agreement. Failure to comply may render this Certificate invalid.
 DNV GL NEMKO PRESAFE AS - Virstadvæien 2, N-1363 Høvik, Norway - Registered Enterprise No: NO 997 067 401 80VA
 The Certificate has been digitally signed. See www.dnvgl.com/securecertificates for more info.
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Exceptional Performance Everytime

The Tarsons range of Pipette Tips have been designed using medical grade resin that will provide researchers with exceptional liquid handling performance.

Our range of standard tips outperforms competitive tips in the areas of release and retention. Thinner walls and finely tapered ends provide better accuracy.

Tarsons Pipette Tips brings to you the highest level of liquid handling control and performance, with the combination of innovative resin chemistry and injection molding expertise.

Our portfolio of tips include the standard tips, MAXIPENSE™ tips - low retention, and the filter tips that provide complete protection from aerosols. Every tip is certified to meet the industry's highest standards for molding precision and clarity, and are certified free of detectable RNase, DNase and Pyrogen.

Maximum Sample Recovery with Tarsons MAXIPENSE™ Tips

Using advanced low-retention technology, the tip's hydrophobic inner surface significantly reduces sample loss due to adhesion and maximizes sample recovery.



Unnecessary Sample Loss in Standard Pipette Tips



Minimal Sample Loss in Tarsons MAXIPENSE™ Tips

Tarsons

Tips
are available in

- Standard Tips
- MAXIPENSE™ Tips
- Filter Tips



Complete protection with Tarsons Filter Tips

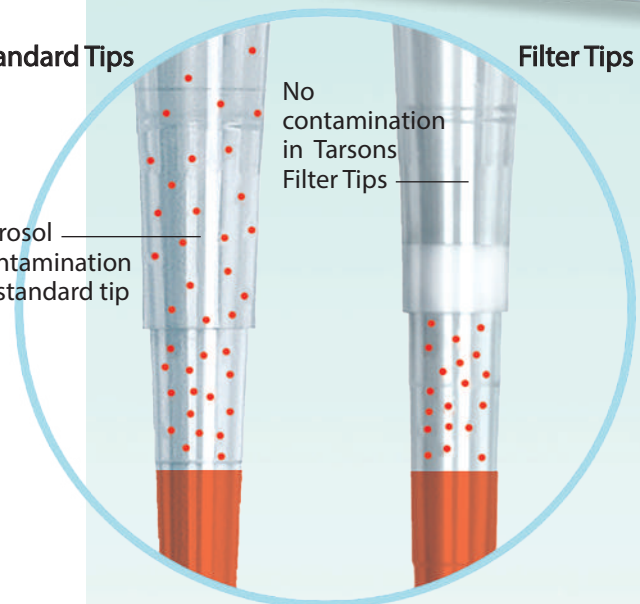
Barrier to aerosols, Tarsons Filter
Tips are designed to provide security from
aerosol contamination.

Standard Tips

Aerosol
contamination
in standard tip

Filter Tips

No
contamination
in Tarsons
Filter Tips





Tamper proof bags

These bags provide easy storage and access, are tamper proof and have a reusable zip lock. They are recyclable and economic, best suited for regular usage.



Perfectly crafted hinged racks

These boxes have optimized base geometry which provides secure handling. The racks can be stacked to save space - transparent lid allows clear viewing.



Refill Packs

Unique spacers make the tips nestable - space saving and contamination free design.



Unique Filter Tip Refill

Economic and sterile filter tip refill system, this arrangement allows easy reload. These are efficient space savers and are protected from contamination.



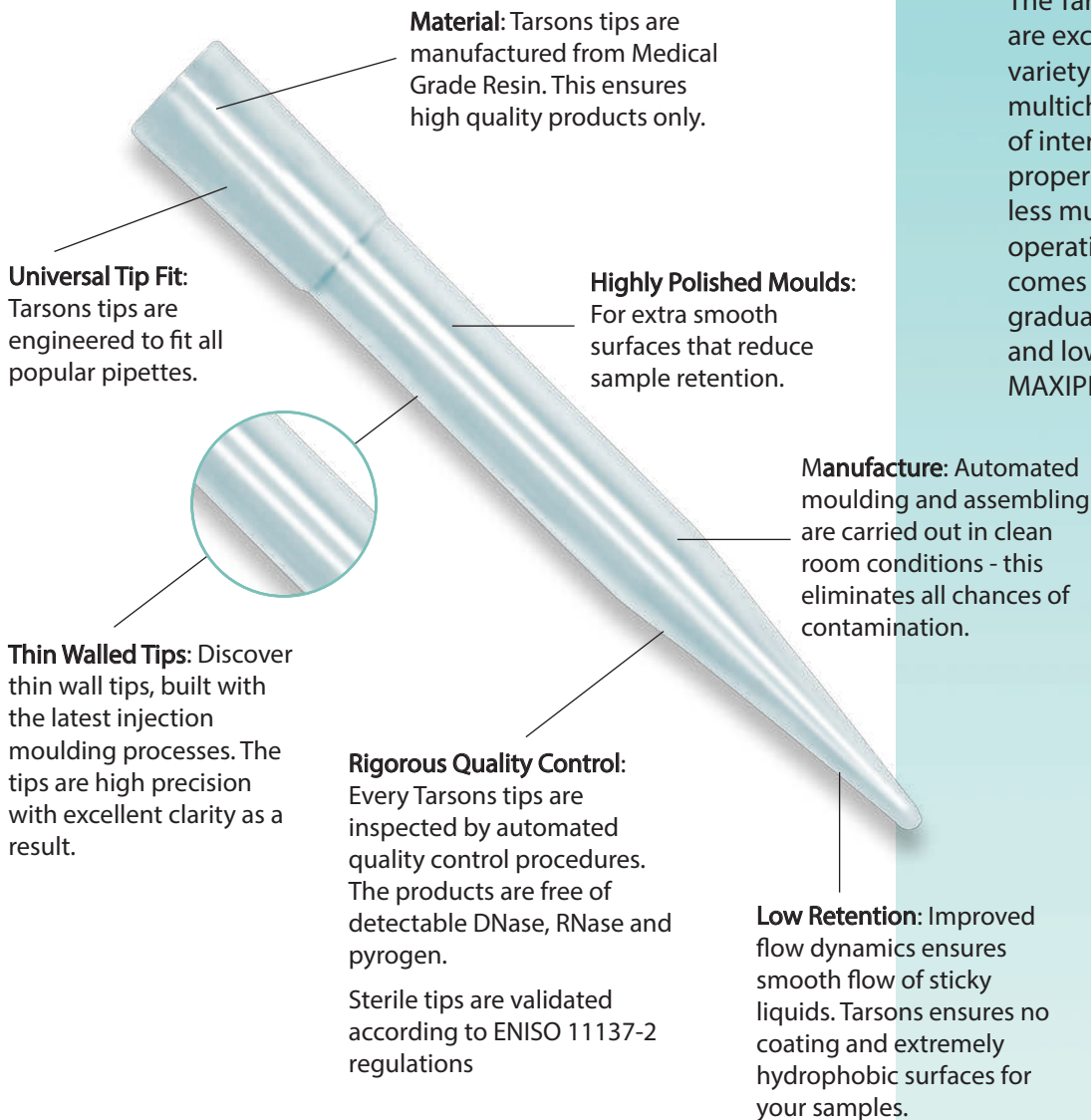
Sterile Purepacks

Individually wrapped sterile tips validated according to EN ISO 11137-2 regulations.

Tarsons

Micro Tip System

The Tarsons range of micro tips are exclusively designed to fit a variety of single and multichannel pipettors. A series of internal sealing rings ensures proper fit and easy ejection, with less muscular force required for operation. Tarsons Micro Tips comes in a range of extra large, graduated, beveled, filter tips, and low retention variety MAXIPENSE™ tips.



Universal Fit: The tip collar is designed in a way that it fits all popular pipettes

Certified: All the tips are certified free of detectable RNase, DNase and pyrogen.

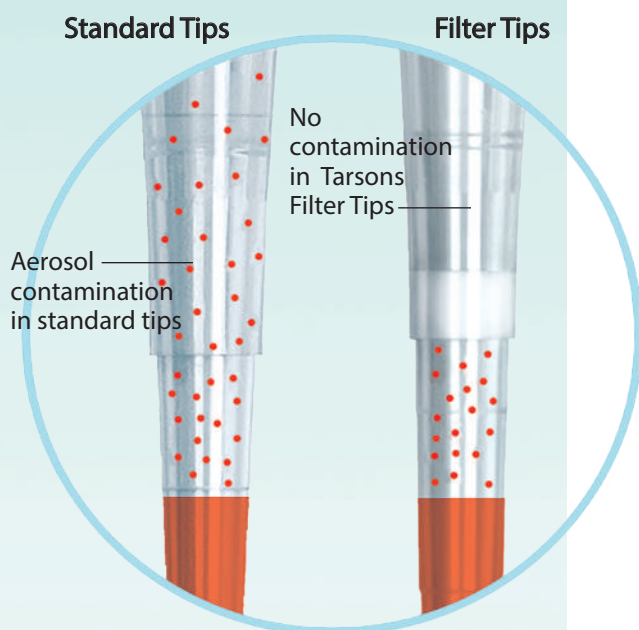
Enhanced Clarity Ensures Better Sample

Visibility: Modern injection moulding processes results in thin walled tips with high precision.

Tarsons

Filter Tips

Filter tips protect the sample from aerosols. A proper barrier to all contaminants, the tips come with reliable aerosol blocking technology. The tips are universal size compatible with all pipettes. Ideal for Molecular Biology / Microbiology / Cell Culture / radioactive applications, the TARSONS Filter Tips have hydrophobic polyethylene filter which protects sample from contamination that occurs due to aerosol transfer. Designed to be free of detectable DNase, RNase, and pyrogen. Crafted in perfect geometry and available in low retention MAXIPENSE™ variety.



Complete Sample protection

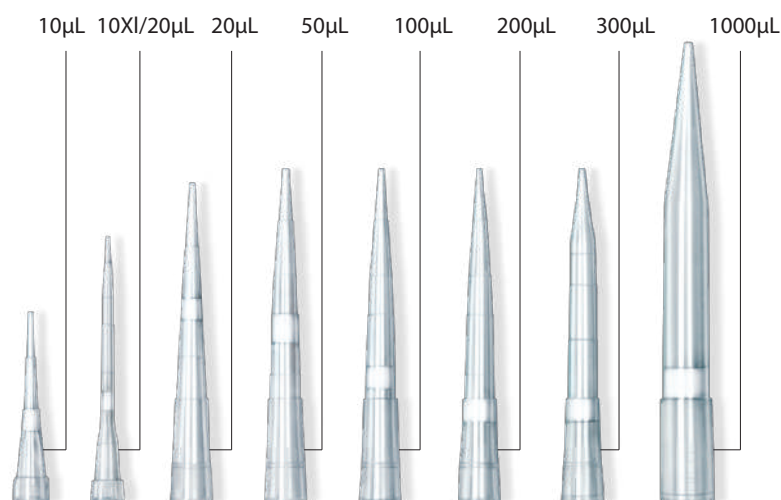
Protect your valuable samples against unwanted contamination by using Tarsons Filter Tips. While pipetting, the naked eye cannot detect fine aerosols that pass through the pipette. If they are, the accumulated aerosols can contaminate other samples that will be used later. Tarsons Filter Tips are proven to block maximum aerosols that disrupt your experiment.

Why use Tarsons Filter Tips?

The Best Quality: Tarsons filters are made from medical grade high density pure polyethylene (HDPE).

Ensured Safety: They contain no additives which can interfere with your sample.

Sample Retrieval: Tarsons MAXIPENSE™ filters are hydrophobic and will not absorb your samples, allowing complete recovery of your valuable samples.



The Tarsons Filter Tips fits all popular pipettes without any loss of accuracy or precision.

Reuse the Tip Racks and become economical and eco-friendly!

Tarsons

Filter Tips

Pipette Tips Filter Bulk Bag (Non Sterile)

Code	Capacity μL	Description	Packaging Unit/Case	Length mm	Graduated μL
527100	10	Tip Universal Filter Grad Bulk - Non Sterile	1000 / 20	34	2.5/10
527108	10XL/20	Tip Universal Filter Grad Bulk - Non Sterile	1000 / 20	44	1/5/10/20
527101	20	Tip Universal Filter Grad Bulk - Non Sterile	1000 / 10	53	10/50/100
527102	50	Tip Universal Filter Grad Bulk - Non Sterile	1000 / 10	55	10/50/100/200
527103	100	Tip Universal Filter Grad Bulk - Non Sterile	1000 / 10	55	10/50/100/200
527104	200	Tip Universal Filter Grad Bulk - Non Sterile	1000 / 10	55	10/50/100/200
527105	300	Tip Universal Filter Grad Bulk - Non Sterile	1000 / 10	55	50/100/200
527106	1000	Tip Universal Filter Bulk - Non Sterile	500 / 10	75	NA
527107	1250XL	Tip Universal Filter Bulk - Non Sterile	500 / 10	98	200/500/1000

Pipette Tips Filter Racked (Sterile)

Code	Capacity μL	Description	Packaging Unit Rack/Case	Length mm	Graduated μL
528100	10	Tip Universal Filter Grad Racked - Sterile	96 x 10/5	34	2.5/10
528108	10XL/20	Tip Universal Filter Grad Racked - Sterile	96 x 10/5	44	1/5/10/20
528101	20	Tip Universal Filter Grad Racked - Sterile	96 x 10/5	53	10/50/100
528102	50	Tip Universal Filter Grad Racked - Sterile	96 x 10/5	55	10/50/100/200
528103	100	Tip Universal Filter Grad Racked - Sterile	96 x 10/5	55	10/50/100/200
528104	200	Tip Universal Filter Grad Racked - Sterile	96 x 10/5	55	10/50/100/200
528105	300	Tip Universal Filter Grad Racked - Sterile	96 x 10/5	55	50/100/200
528106	1000	Tip Universal Filter Racked - Sterile	96 x 10/5	75	NA
528107	1250XL	Tip Universal Filter Racked - Sterile	96 x 10/5	98	200/500/1000

Filter MAXIPENSE™ Ultra Low Retention Tips Racked (Sterile)

Code	Capacity μL	Description	Packaging Unit Rack/Case	Length mm	Graduated μL
529100	10	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Racked - Sterile	96 x 10/5	34	2.5/10
529108	10XL/20	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Racked - Sterile	96 x 10/5	44	1/5/10/20
529101	20	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Racked - Sterile	96 x 10/5	53	10/50/100
529102	50	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Racked - Sterile	96 x 10/5	55	10/50/100/200
522103	100	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Racked - Sterile	96 x 10/5	55	10/50/100/200
529104	200	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Racked - Sterile	96 x 10/5	55	10/50/100/200
529105	300	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Racked - Sterile	96 x 10/5	55	50/100/200
529106	1000	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	96 x 10/5	75	NA
529107	1250XL	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	96 x 10/5	98	200/500/1000

Filter MAXIPENSE™ Ultra Low Retention Tips Racked (Non-Sterile)

Code	Capacity μL	Description	Packaging Unit/Case	Length mm	Graduated μL
526111	10	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Bulk - Non Sterile	1000 / 20	34	2.5/10
526112	10XL/20	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Bulk - Non Sterile	1000 / 20	44	1/5/10/20
526113	20	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Bulk - Non Sterile	1000 / 10	53	10/50/100
526114	50	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Bulk - Non Sterile	1000 / 10	55	10/50/100/200
526115	100	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Bulk - Non Sterile	1000 / 10	55	10/50/100/200
526116	200	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Bulk - Non Sterile	1000 / 10	55	10/50/100/200
526117	300	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Grad Bulk - Non Sterile	1000 / 10	55	50/100/200
526118	1000	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Bulk - Non Sterile	500 / 10	75	NA
526119	1250XL	Tip Universal Filter MAXIPENSE™ Ultra Low Retention Bulk - Non Sterile	500 / 10	98	200/500/1000

Tarsons

MAXIPENSE™ Low Retention Tips

Use the MAXIPENSE™ range for low retention and prevent sample wastage with the Tarsons MAXIPENSE™ range. With the unique design of hydrophobicity, the MAXIPENSE™ variety lets your precious liquids roll off without any retention in the tips. The MAXIPENSE™ tips have universal crown size compatible with all popular pipettes. The pipette tips are designed to have low surface retention which is achieved by modifying surface of polymer with very low co-efficient of friction. Tips are of excellent chemical resistance and hence are unaffected by radiation or autoclaving. They are free of detectable DNase, RNase and Pyrogen. Perfect geometry tips are useful for sensitive PCR/Real time PCR reactions. Available in racked and sterile varieties.



Standard Tip

MAXIPENSE™ Tip

Why use Tarsons MAXIPENSE™ Tips?

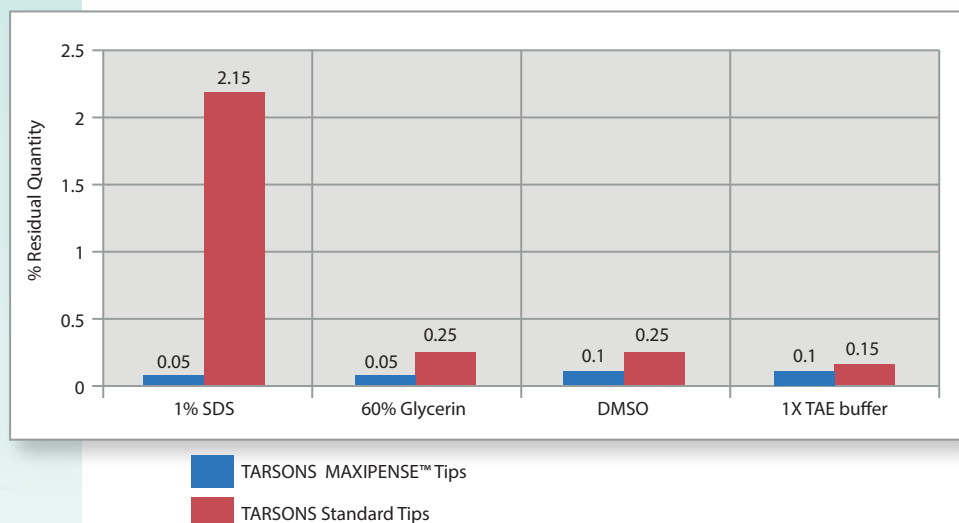
Tarsons MAXIPENSE™ uses superior technology to optimise the conventional polypropylene surfaces to improve the flow of 'sticky' liquids. Tarsons MAXIPENSE™ tips have no coating to interfere with your sample and offer an extremely hydrophobic surface to minimise sample wastage.

- Made from medical grade virgin polypropylene
- Improved sample recovery
- Reduced DNA binding
- Autoclavable
- Fits all popular pipettes
- Reusable, refillable and recyclable system

Tarsons MAXIPENSE™ Tips protect your precious samples from wastage!

Residual volume comparison

Tarsons standard tips have been compared in terms of retention with MAXIPENSE™ variety. MAXIPENSE™ has lowest retention rates, while the standard tips are equally efficient too.



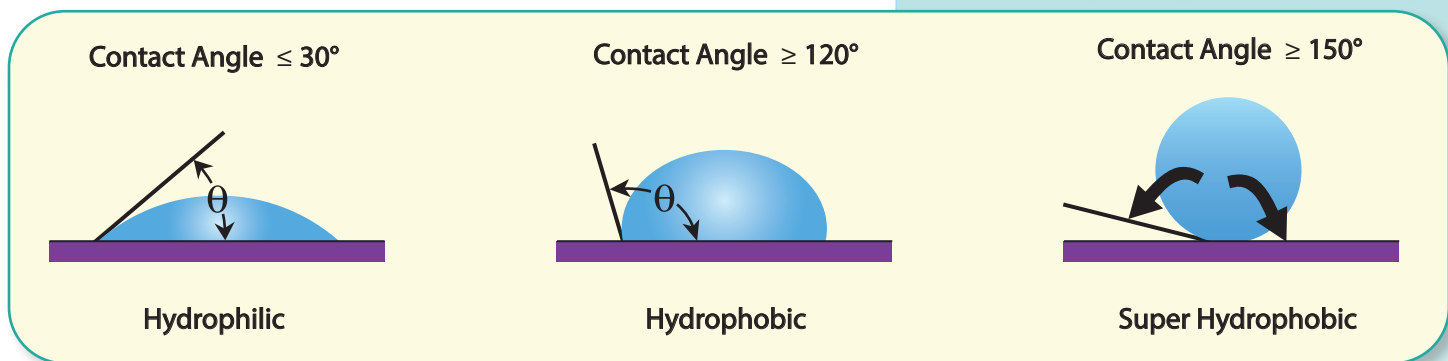
Residual volume in 300 µL TARSONS graduated MAXIPENSE™ Tips, TARSONS 300 µL graduated Standard Tips in Comparison with different liquids.

Why use Tarsons MAXIPENSE™ Tips?

Defining Hydrophobicity

Hydrophobic property of the surface means that it is “water repellent” - it is used to describe substances that does not mix with water and lets it “run off” on the surface. Hydrophilic substances are “water-loving” and the differences can be described using the figure below. Note that the shape of a droplet changes as a result of surface tension

There might be need to handle highly viscous liquids, and annoyingly liquids like Triton X 100 or Tween cannot be pipetted properly. Most users have taken to cutting of the regular pipette tips which again leads to contamination of samples. There are wide bore tips, but that does not resolve the problem of sample loss in the pipette tip itself. Reverse pipetting could be a plausible solution, but then again, it would need a larger amount of sample, and would incur sample wastage too.



The super hydrophobic surface of MAXIPENSE™ tips exactly mimics the Lotus Effect - the water drop assumes almost a spherical shape. It means that the contact surface between the droplet and the surface is extremely small - the liquid drop can roll off, without sticking to the surface.



The lower the surface energy, the more hydrophobic the material will be. When designing MAXIPENSE™ pipette tips, the objective is to reduce the surface tension energy of the resin so that the amount of liquid remaining in the tip is reduced by the increased hydrophobicity.

The problem is persistent not only with solution preparation with viscous liquids, but also in sample handling of expensive enzymes that require extreme precision while pipetting. Expensive reagents are often available in small quantities, with foaming tendencies. In these cases, the liquid retention in the tips should be minimized as much as possible, and the use of standard tips leave a thin film of liquid on the tip walls.

To ensure complete sample recovery, there is need to use pipette tips with special surface properties. The objective is to design a surface that is most hydrophobic - so that no liquid is retained in the tip. Tarsons manufactures Low Retention MAXIPENSE™ tips for precious sample recovery - an essential solution to the persistent problem of sample retention.

Tarsons

MAXIPENSE™ Tips

MAXIPENSE™ Ultra Low Retention Tips Bulk Bags (Non Sterile)

Code	Capacity µL	Description	Packaging Unit/Case	Length mm	Graduated µL
523100	10	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Bulk	1000 / 20	34	2.5/10
523109	10XL/20	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Bulk	1000 / 20	44	1/5/10/20
523101	200	Tip Universal MAXIPENSE™ Ultra Low Retention Beveled Bulk	1000 / 10	51	NA
523102	200	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Bulk	1000 / 10	53	10/50/100
523108	250	Tip Universal MAXIPENSE™ Ultra Low Retention Bulk	1000 / 10	55	10/50/100/200
523103	300	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Bulk	1000 / 10	55	50/100/200
523104	1000	Tip Universal MAXIPENSE™ Ultra Low Retention Beveled Grad Bulk	500 / 10	71	100/500
523105	1000	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Bulk	500 / 10	71	100/500
523106	1000	Tip Universal Wide Bore MAXIPENSE™ Ultra Low Retention Bulk	500 / 10	73	NA
523107	1250	Tip Universal MAXIPENSE™ Ultra Low Retention Bulk	500 / 10	75	NA
523200	1250XL	Tip Universal MAXIPENSE™ Ultra Low Retention Bulk	500 / 10	98	200/500/1000

MAXIPENSE™ Ultra Low Retention Tips Racked (Non Sterile)

Code	Capacity µL	Description	Packaging Unit Rack/Case	Length mm	Graduated µL
524100	10	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked	96 x 10/5	34	2.5/10
524108	10XL/20	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked	96 x 10/5	44	1/5/10/20
524101	200	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked	96 x 10/5	53	10/50/100
524109	250	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked	96 x 10/5	55	10/50/100/200
524102	300	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked	96 x 10/5	55	50/100/200
524103	1000	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked	96 x 10/5	71	100/500
524104	1250	Tip Universal MAXIPENSE™ Ultra Low Retention Racked	96 x 10/5	75	NA
524105	1250XL	Tip Universal MAXIPENSE™ Ultra Low Retention Racked	96 x 10/5	98	200/500/1000

MAXIPENSE™ Ultra Low Retention Tips Racked (Sterile)

Code	Capacity µL	Description	Packaging Unit Rack/Case	Length mm	Graduated µL
526100	10	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked-Sterile	96 x 10/5	34	2.5/10
526108	10XL/20µL	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked-Sterile	96 x 10/5	44	1/5/10/20
526101	200	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked-Sterile	96 x 10/5	53	10/50/100
526109	250	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked-Sterile	96 x 10/5	55	10/50/100/200
526102	300	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked-Sterile	96 x 10/5	55	50/100/200
526103	1000	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked-Sterile	96 x 10/5	71	100/500
526104	1250	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked-Sterile	96 x 10/5	75	NA
526105	1250XL	Tip Universal MAXIPENSE™ Ultra Low Retention Grad Racked-Sterile	96 x 10/5	98	200/500/1000

Tarsons

Micro Tips

Code	Capacity μ L	Pipette Tips Bulk Bags	Packaging Units/Case	Length mm	Graduated μ L
521000	10	Tip Universal Grad Gilson Style Bulk	1000 / 20	34	2.5/10
521050	10 XL/20	Tip Universal Grad Eppendorf Style Bulk	1000 / 20	44	1/5/10/20
521010	200	Tip Universal Beveled Bulk	1000 / 10	51	NA
521010-Y	200	Tip Universal Beveled Bulk-Yellow	1000 / 10	51	NA
521014	200	Tip Universal Grad Eppendorf Style Bulk	1000 / 10	53	10/50/100
521014-Y	200	Tip Universal Grad Eppendorf Style Bulk-Yellow	1000 / 10	53	10/50/100
521019	250	Tip Universal Grad Bulk	1000 / 10	55	10/50/100/200
521015	300	Tip Universal Grad Eppendorf Style Bulk	1000 / 10	55	50/100/200
521020	1000	Tip Universal Beveled Grad Bulk	500 / 10	71	100/500
521020-B	1000	Tip Universal Beveled Grad Bulk-Blue	500 / 10	71	100/500
521016	1000	Tip Universal Grad Eppendorf Style Bulk	500 / 10	71	100/500
521016-B	1000	Tip Universal Grad Eppendorf Style Bulk-Blue	500 / 10	71	100/500
521017	1000	Tip Universal Wide Bore Bulk	500 / 10	73	NA
521040	1250	Tip Universal Bulk	500 / 10	75	NA
521018	1250 XL	Tip Universal Bulk	500 / 10	98	200/500/1000

Pipette Tips Bulk Bag (Non Sterile)

Code	Capacity μ L	Pipette Tips Racked Non Sterile	Packaging Units Rack/Case	Length mm	Graduated μ L
521100	10	Tip Universal Grad Racked	96 x 10/5	34	2.5/10
521108	10 XL/20	Tip Universal Grad Racked	96 x 10/5	44	1/5/10/20
521101	200	Tip Universal Grad Racked	96 x 10/5	53	10/50/100
521101-Y	200	Tip Universal Grad Racked-Yellow	96 x 10/5	53	10/50/100
521107	250	Tip Universal Grad Racked	96 x 10/5	55	10/50/100/200
521102	300	Tip Universal Grad Racked	96 x 10/5	55	50/100/200
521103	1000	Tip Universal Grad Racked	96 x 10/5	71	100/500
521103-B	1000	Tip Universal Grad Racked-Blue	96 x 10/5	71	100/500
521104	1250	Tip Universal Grad Racked	96 x 10/5	75	NA
521111	1250XL	Tip Universal Grad Racked	96 x 10/5	98	200/500/1000

Pipette Tips Graduated Racked (Non Sterile)

Code	Capacity μ L	Pipette Tips Racked Sterile	Packaging Units Rack/Case	Length mm	Graduated μ L
522100	10	Tip Universal Grad Racked - Sterile	96 x 10/5	34	2.5/10
522108	10 XL/20	Tip Universal Grad Racked - Sterile	96 x 10/5	44	1/5/10/20
522101	200	Tip Universal Grad Racked - Sterile	96 x 10/5	53	10/50/100
522101-Y	200	Tip Universal Grad Racked - Sterile-Yellow	96 x 10/5	53	10/50/100
522109	250	Tip Universal Grad Racked - Sterile	96 x 10/5	55	10/50/100/200
522102	300	Tip Universal Grad Racked - Sterile	96 x 10/5	55	50/100/200
522103	1000	Tip Universal Grad Racked - Sterile	96 x 10/5	71	100/500
522103-B	1000	Tip Universal Grad Racked - Sterile-Blue	96 x 10/5	71	100/500
522104	1250	Tip Universal Racked - Sterile	96 x 10/5	75	NA
522105	1250XL	Tip Universal Racked - Sterile	96 x 10/5	98	200/500/1000

Pipette Tips Racked (Sterile)

Code	Capacity ml	Description	Packaging Units/Case
521031	5	Tip Grad Eppendorf Compatible Bulk	250/10
521032	5	Tip Gilson Compatible Bulk	250/10
521036	5	Tip Thermo Compatible Bulk	250/10
521033	10	Tip Gilson Compatible Bulk	100/10
521934	10 XL	Tip Eppendorf Style Grad X-Long Bulk	100/10

Macro Tips

Tarsons

PUREPACK™ Pipette Tips



The Tarsons PUREPACK™ Tips are individually packed which ensure sterility for every single pipetting cycle. The tips are free of detectable Endotoxin, DNase and RNase. The individually wrapped tips ensure the greatest purity standards and have been validated according to ENISO 11137-2 regulations.

The tips are available in variable sizes: 10µL standard and extended length 20µL, 50µL, 100µL, 200µL, 300 µL and 1000µL. Universally compatible with almost all of the pipette brands available in the market, PUREPACK™ is available in standard tips, Filter Tips, MAXIPENSE™ Tips, and MAXIPENSE™ Filter Tips.

Features:

1. Compatible with majority of pipette brands
2. Ideal tip for applications with high accuracy and reproducibility
3. Batch number and expiration date printed on individual wrap

PUREPACK™ Pipette Tips (Sterile)

Code	Capacity µL	Description	Packaging Unit Rack/Case	Length mm	Graduated µL
520010	10	PUREPACK™ Pipette Tips - Sterile	1 / 400	34	2.5/10
520011	10XL/20	PUREPACK™ Pipette Tips - Sterile	1 / 400	44	1/5/10/20
520012	200	PUREPACK™ Pipette Tips - Sterile	1 / 400	53	10/50/100
520013	300	PUREPACK™ Pipette Tips - Sterile	1 / 400	55	50/100/200
520014	1000	PUREPACK™ Pipette Tips - Sterile	1 / 400	71	100/500

PUREPACK™ Pipette Filter Tips (Sterile)

Code	Capacity µL	Description	Packaging Unit Rack/Case	Length mm	Graduated µL
520037	10	PUREPACK™ Pipette Tips Filter - Sterile	1 / 400	34	2.5/10
520038	10XL/20	PUREPACK™ Pipette Tips Filter - Sterile	1 / 400	44	1/5/10/20
520039	20	PUREPACK™ Pipette Tips Filter - Sterile	1 / 400	53	10/50/100
520040	50	PUREPACK™ Pipette Tips Filter - Sterile	1 / 400	55	10/50/100/200
520041	100	PUREPACK™ Pipette Tips Filter - Sterile	1 / 400	55	10/50/100/200
520042	200	PUREPACK™ Pipette Tips Filter - Sterile	1 / 400	55	10/50/100/200
520043	300	PUREPACK™ Pipette Tips Filter - Sterile	1 / 400	55	50/100/200
520044	1000	PUREPACK™ Pipette Tips Filter - Sterile	1 / 400	75	NA

PUREPACK™ MAXIPENSE™ Pipette Tips (Sterile)

Code	Capacity µL	Description	Packaging Unit /Case	Length mm	Graduated µL
520031	10	PUREPACK™ MAXIPENSE™ Pipette Tips - Sterile	1 / 400	34	2.5/10
520032	10XL/20	PUREPACK™ MAXIPENSE™ Pipette Tips - Sterile	1 / 400	44	1/5/10/20
520033	200	PUREPACK™ MAXIPENSE™ Pipette Tips - Sterile	1 / 400	53	10/50/100
520034	300	PUREPACK™ MAXIPENSE™ Pipette Tips - Sterile	1 / 400	55	50/100/200
520035	1000	PUREPACK™ MAXIPENSE™ Pipette Tips - Sterile	1 / 400	71	100/500

PUREPACK™ MAXIPENSE™ Pipette Filter Tips (Sterile)

Code	Capacity µL	Description	Packaging Unit Rack/Case	Length mm	Graduated µL
520050	10	PUREPACK™ MAXIPENSE™ Filter Pipette Tips - Sterile	1 / 400	34	2.5/10
520051	10XL/20	PUREPACK™ MAXIPENSE™ Filter Pipette Tips - Sterile	1 / 400	44	1/5/10/20
520052	20	PUREPACK™ MAXIPENSE™ Filter Pipette Tips - Sterile	1 / 400	53	10/50/100
520053	50	PUREPACK™ MAXIPENSE™ Filter Pipette Tips - Sterile	1 / 400	55	10/50/100/200
520054	100	PUREPACK™ MAXIPENSE™ Filter Pipette Tips - Sterile	1 / 400	55	10/50/100/200
520055	200	PUREPACK™ MAXIPENSE™ Filter Pipette Tips - Sterile	1 / 400	55	10/50/100/200
520056	300	PUREPACK™ MAXIPENSE™ Filter Pipette Tips - Sterile	1 / 400	55	50/100/200
520057	1000	PUREPACK™ MAXIPENSE™ Filter Pipette Tips - Sterile	1 / 400	75	NA

Tarsons

Refill System

Pipette Tip Reload System (Non Sterile)

Code	Capacity μL	Description	Packaging Unit Rack/Case	Length mm	Graduated μL
521105	10	Tip Refill System/Reload - Non Sterile	96 x 10 / 10	34	2.5/10
521110	10 XL/20	Tip Refill System/Reload - Non Sterile	96 x 10 / 10	44	1/5/10/20
521106	200	Tip Refill System/Reload - Non Sterile	96 x 10 / 10	53	10/50/100
521109	300	Tip Refill System/Reload - Non Sterile	96 x 10 / 10	55	50/100/200
521126	1000	Tip Refill System/Reload - Non Sterile	96 x 10 / 10	71	100/500

Pipette Tip Reload System (Sterile)

Code	Capacity μL	Description	Packaging Unit Rack/Case	Length mm	Graduated μL
521127	10	Tip Refill System/Reload - Sterile	96 x 10 / 10	34	2.5/10
521112	10 XL/20	Tip Refill System/Reload - Sterile	96 x 10 / 10	44	1/5/10/20
521113	200	Tip Refill System/Reload - Sterile	96 x 10 / 10	53	10/50/100
521114	300	Tip Refill System/Reload - Sterile	96 x 10 / 10	55	50/100
521115	1000	Tip Refill System/Reload - Sterile	96 x 10 / 10	71	100/500

MAXIPENSE™ Pipette Tip Reload System (Non Sterile)

Code	Capacity μL	Description	Packaging Unit Rack/Case	Length mm	Graduated μL
521116	10	Tip Refill System/Reload MAXIPENSE™ - Non Sterile	96 x 10 / 10	34	2.5/10
521117	10 XL/20	Tip Refill System/Reload MAXIPENSE™ - Non Sterile	96 x 10 / 10	44	1/5/10/20
521118	200	Tip Refill System/Reload MAXIPENSE™ - Non Sterile	96 x 10 / 10	53	10/50/100
521119	300	Tip Refill System/Reload MAXIPENSE™ - Non Sterile	96 x 10 / 10	55	50/100/200
521120	1000	Tip Refill System/Reload MAXIPENSE™ - Non Sterile	96 x 10 / 10	70	100/500

MAXIPENSE™ Pipette Tip Reload System (Sterile)

Code	Capacity μL	Description	Packaging Unit Rack/Case	Length mm	Graduated μL
521121	10	Tip Refill System/Reload MAXIPENSE™ - Sterile	96 x 10 / 10	34	2.5/10
521122	10 XL/20	Tip Refill System/Reload MAXIPENSE™ - Sterile	96 x 10 / 10	44	1/5/10/20
521123	200	Tip Refill System/Reload MAXIPENSE™ - Sterile	96 x 10 / 10	53	10/50/100
521124	300	Tip Refill System/Reload MAXIPENSE™ - Sterile	96 x 10 / 10	55	50/100/200
521125	1000	Tip Refill System/Reload MAXIPENSE™ - Sterile	96 x 10 / 10	70	100/500

Empty Tip Box

Code	Compatibility with Tarsons Tips	Description	Tray Colour	Packaging Unit Rack/Case
524052	2-10 μL , 10x1/20 μL , 2-10 μL filter, 10x1/20 μL filter	96 Place	Orange	10/5
524053	2-200 μL , 200 μL grad, 250 μL grad, 300 μL grad, 20 μL filter, 50 μL filter, 100 μL filter, 200 μL filter, 300 μL filter (transparent/coloured)	96 Place	Yellow	10/5
524054	200-1000 μL & coloured 200-1000 μL	96 Place	Blue Thick	10/5
524059	1000 μL grad, 1250 μL , 1000 μL filter (transparent/coloured)	96 Place (Universal)	White	10/5
524055	1250 μL xl & 1250 μL filter	96 Place	Blue Thin	10/5

Tarsons refill packs save your laboratory space. These are convenient packs that offer you the flexibility to load fewer racks and keep the remaining wafers sealed.

Easy to use refill wafers have no requirement to repeatedly line tips up with holes in the rack. Simply remove the wafer from the refill pack and fix it into an empty Tarsons Tip Box. The wafers stay secured in the box until you are ready to replace them.



Tarsons

Pipette Compatibility Chart

Micro Tips

Find the proper tip for any pipette in your lab.

Easily select the correct tip to match your application requirements in the lab. With hundreds of pipette tips, the selection guide will help you find the proper pipette tip to enhance the performance of your pipette for consistent results.

Description	Bulk	Racked	Racked Sterile
10 µL - length 34 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
10XL/20 µL - length 44 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
200 µL - Beveled - length 51 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓		
200 µL - Grad - length 53 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
300 µL - Grad - length 55 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
1000 µL - Beveled - length 71 mm Compatible with Eppendorf, Finnipipet, Gilson and Tarsons Pipettes	✓		
1000 µL - Grad - length 71 mm Compatible with Eppendorf, Finnipipet, Gilson and Tarsons Pipettes	✓	✓	✓
1000 µL - Wide Bore - length 73 mm Wide Bore Tips ideal for working with viscous materials, genomic DNA or delicate cell cultures. Compatible with Eppendorf, Finnipipet, Gilson and Tarsons Pipettes	✓		
1250 µL - length 75 mm Compatible with Eppendorf, Finnipipet, Gilson and Tarsons Pipettes	✓	✓	✓
1250 XL µL - length 98 mm Compatible with Eppendorf, Finnipipet, Gilson and Tarsons Pipettes	✓	✓	✓
5 ml - length 150 mm Easy to reach access restricted sample areas and to reach bottom of long tubes. Compatible with Gilson and Tarsons Pipettes	✓		
5 ml - Grad - length 120 mm Compatible with Eppendorf and Tarsons Pipettes	✓		
10 ml - Grad - length 165 mm Compatible with Eppendorf, Gilson and Tarsons Pipettes	✓		
10 ml - Extra Long Grad - length 243 mm Easy to reach access restricted sample areas and to reach bottom of long tubes. Compatible with Eppendorf, Gilson and Tarsons Pipettes	✓		

MAXIPENSE™ Tips

Description	Bulk	Racked	Racked Sterile
10 µL - length 34 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
10XL/20 µL - length 44 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
200 µL - Beveled - length 51 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓		
200 µL - Grad - length 53 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
300 µL - Grad - length 55 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
1000 µL - Beveled - length 71 mm Compatible with Eppendorf, Finnipipet, Gilson and Tarsons Pipettes	✓		
1000 µL - Grad - length 71 mm Compatible with Eppendorf, Finnipipet, Gilson and Tarsons Pipettes	✓	✓	✓
1000 µL - Wide Bore - length 73 mm Wide Bore Tips ideal for working with viscous materials, genomic DNA or delicate cell cultures. Compatible with Eppendorf, Finnipipet, Gilson and Tarsons Pipettes	✓		
1250 µL - length 75 mm Compatible with Eppendorf, Finnipipet, Gilson and Tarsons Pipettes	✓	✓	✓

Filter Tips

Description	Bulk	Racked	Racked Sterile
10 µL - length 34 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
10XL/20 µL - length 44 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
20 µL - length 53 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
50 µL - length 55 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
100 µL - length 55 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
200 µL - length 55 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
300 µL - length 55 mm Compatible with Biohit, Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓
1000 µL - length 75 mm Compatible with Eppendorf, Finnipipet, Gilson, Nishiriyo, Rainin and Tarsons Pipettes	✓	✓	✓

TARSONS PRODUCTS PVT. LTD.

GLOBAL HEADQUARTERS

31 Shakespeare Sarani
Jasmine Towers, Suite No. 213-214
Kolkata 700 017
Tel : +91-33-2289 2952 / 2289 2953 / 2289 2954 / 2289 2955

OVERSEAS OFFICE

Beijing Representative Office:
Suite A11, 10th Floor,
Twin Towers (East),
B12 Jianguomenwai Ave.,
Chaoyang District,
Beijing
Mobile: +86 13810351384, +86 13472817692 (China)

email : info@tarsons.in

Website: www.tarsons.com