

LIQUID HANDLING SPECIALISTS

Tarsons Pipette Tips

Tips for Superior Performance

August 2022



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Tarsons Pipette Tips

Why choose Tarsons Pipette Tips?

1. Manufactured 100% from virgin medical grade resin conforming to USP Class VI (even in non-critical rack components) to ensure product purity
2. 100% fully automated manufacturing using Swiss moulds and German automation to ensure consistent quality
3. Produced within a Class 100K clean room to minimize, if not eradicate the prospect of contamination
4. All 96 tips from a single rack are produced from the same cavity mould to increase traceability
5. Our low retention tips are produced using a post-production, plasma gas treatment to produce a uniform ultra-hydrophobic surface to ensure the most accurate sample delivery possible

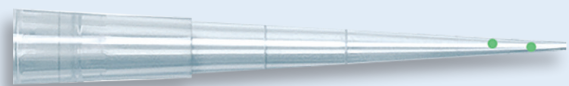


Maximum Sample Recovery with Tarsons MAXIPENSE™ Filter Tips

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



Standard Pipette Tips



Tarsons Filter MAXIPENSE™ Ultra Low Retention Pipette Tips

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Tarsons Pipette Tips

Tarsons Tips are available in:

- › MAXIPENSE™ Ultra Low Retention Universal Filter Tips
- › Universal Bulk Tips
- › Standard Universal Filter Tips

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

The range of standard tips available 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 moulding expertise.

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



Use the Maxipense Ultra Low Retention Filter Tips to prevent sample wastage. With Uniquely designed hydrophobicity, achieved by modification of the surface polymer to allow for a very low co-efficient of friction, the Maxipense tip allows your precious sample to dispense with no liquid retained in the tip. The Maxipense tips have universal crown size compatible with all popular pipette brands. These tips are of excellent chemical resistance and are free of detectable DNase, RNase and pyrogen. The perfect geometry of these tips is useful for sensitive PCR/Real Time PCR reactions. Available as a racked and sterile tip.

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Tarsons Pipette Tips

Tarsons MAXIPENSE™ Ultra Low Retention Filter Tips

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™ Filter Tips

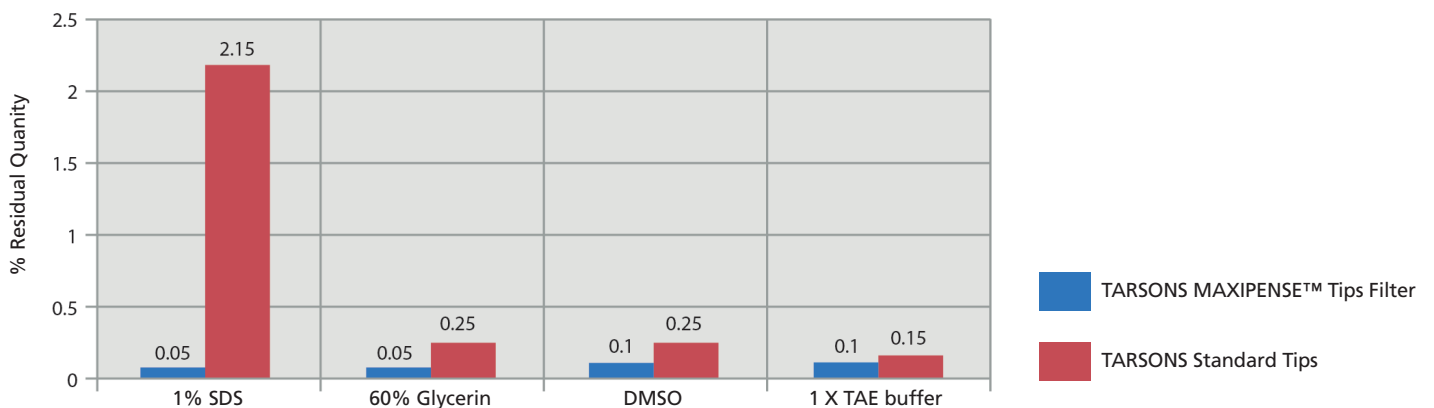


Standard Pipette Tips

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 filter rates, while the standard tips are equally efficient too.



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Tarsons Pipette Tips

Tarsons Filter MAXIPENSE™ Ultra Low Retention Pipette Tips (Sterile) Ordering Information

Product Code	Range	Tip Type	Quantity	Length mm
335-529100	10ul Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	PP	10 racks of 96/pack	34
335-529108	10ul XL/20ul Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	PP	10 racks of 96/pack	44
335-529101	20ul Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	PP	10 racks of 96/pack	53
335-529102	50ul Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	PP	10 racks of 96/pack	55
335-529103	100ul Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	PP	10 racks of 96/pack	55
335-529104	200ul Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	PP	10 racks of 96/pack	55
335-529105	300ul Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	PP	10 racks of 96/pack	55
335-529106	1000ul Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	PP	10 racks of 96/pack	75
335-529107	1250ul Tip Universal Filter MAXIPENSE™ Ultra Low Retention Racked - Sterile	PP	10 racks of 96/pack	98

Material:

PP = Polypropylene



Tarsons Universal Bulk Tips

The Tarsons range of bulk 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.

Universal Tip Fit:

Tarsons tips are engineered to fit most common pipettes.

Thin Walled Tips:

Discover thin wall tips, built with the latest injection moulding processes. The tips are high precision with excellent clarity as a result.

Rigorous Quality Control:

Every Tarsons tips are inspected by automated quality control procedures. The products are free of detectable DNase, RNase and pyrogen. Sterile tips are validated according to ENISO 11137-2 Regulations.

Certified:

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



Material:

Tarsons tips are manufactured from Medical Grade Resin. This ensures high quality products only.

Highly Polished Moulds:

For extra smooth surfaces that reduce sample retention.

Manufacture:

Automated moulding and assembling are carried out in clean room conditions – this eliminates all chances of contamination.

Improved Flow Dynamics:

Ensuring smooth flow of sticky liquids.

Enhanced Clarity Ensures Better Sample Visibility:

Modern injection moulding.

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Tarsons Pipette Tips

Tarsons Universal Bulk Tips (Non-Sterile) Ordering Information

Product Code	Range	Tip Type	Quantity	Length mm
335-521000	10ul Tip Universal Grad Bulk	PP	1000/pack	34
335-521014	200ul Tip Universal Grad Bulk	PP	1000 /pack	53
335-521014-Y	200ul Tip Universal Grad Bulk - Yellow	PP	1000/pack	53
335-521015	300ul Tip Universal Grad Bulk	PP	1000/pack	55
335-521016-B	1000ul Tip Universal Grad Bulk – Blue	PP	500/pack	71
335-521020-B	1000ul Tip Universal Beveled Grad Bulk-Blue	PP	500/pack	71
335-521020	1000ul Tip Universal Beveled Grad Bulk	PP	500/pack	71
335-521040	1250ul Tip Universal Bulk	PP	500/pack	75

Material:
PP = Polypropylene

Packaged in 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.



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Tarsons Pipette Tips

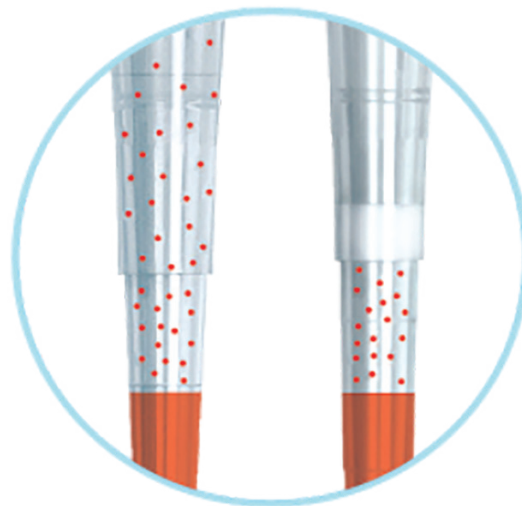
Tarsons Filter Tips

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 do, 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.

Standard Tips

Filter Tips

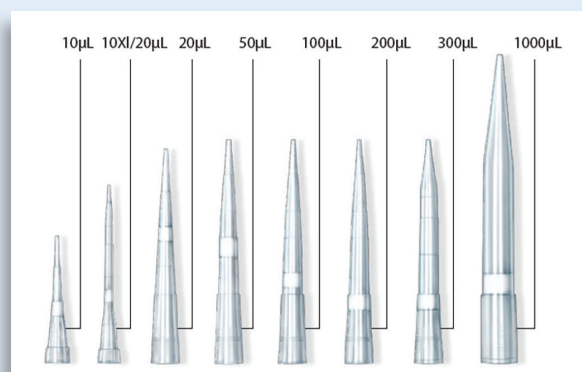


Aerosol contamination in standard tips

No contamination in filter tips

Why use Tarsons Filter Tips?

- > **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 Tip fits most pipettes without any loss of accuracy or precision.

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Tarsons Pipette Tips

Tarsons Standard Universal Filter Tips (Sterile) Ordering Information

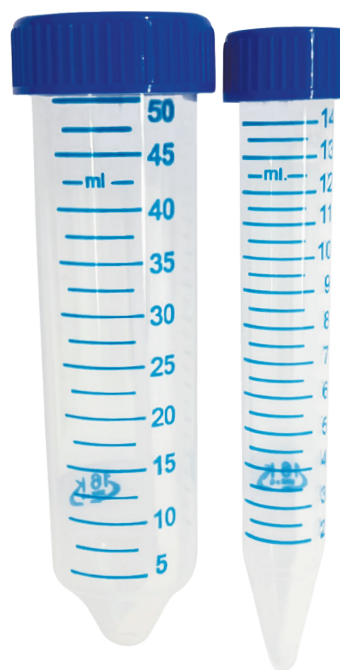
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335-528106	1000ul Tip Universal Filter Grad Racked - Sterile	PP	10 racks of 96/pack	75
335-528107	1250ul Tip Universal Filter Grad Racked - Sterile	PP	10 racks of 96/pack	98

Material:

PP = Polypropylene

15 & 50ml Centrifuge Tubes

- › Reliable performance of Polypropylene tubes at 18,000 x g*
- › Tubes can withstand temperatures as low -80°C
- › Permanent graduations
- › Large white area for labelling/markings
- › Perfect for versatile applications, the Centrifuge Tubes are used for storage, spinning down and reaction processes
- › Leakproof performance at 45kPa
- › USP Class VI, non-pyrogenic, non-cytotoxic and RNase/DNase free
- › Clear Polypropylene with low extractible



Technical Specifications

	Tarsons 15ml Centrifuge Tubes Product code: 335-546021	Tarsons 50ml Centrifuge Tubes Product code: 335-546041
Volume	15ml	50ml
Material: Tube/Screw Cap	Tube: Polypropylene Screw Cap: High-density-Polyethylene (HDPE)	Tube: Polypropylene Screw Cap: High-density Polyethylene (HDPE)
Diameter	17.4mm	29.6mm
Centrifuge Sterility	Sterile	Sterile
Bottom Type	Conical	Conical
Cap Type	Screw cap	Screw cap
Graduation Range	2 -14 ml	5-50 ml
Graduation Interval	0.5ml	2.5ml
Nominal Volume (ml)	16.2ml	57ml
Packaging	500/bag	500/bag
Max. RCF	16,000 x g	18,000 x g

*The maximum RCF value for Tarsons Centrifuge Tubes have been optimized at 4C temperature using tubes filled to 80% of the maximum stated volume with distilled water and spun in a fully supported rotor for 30 minutes.

Notes



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