

Endless pipetting, but
you still save plastic.
**You are passionate
for science.**

TipOne® PIPETTE TIPS

The truly sustainable tip system.



WATCH VIDEO

Passionate for Science.
Starlab inspires and
supports the passion
driving your research.

Passionate for science.

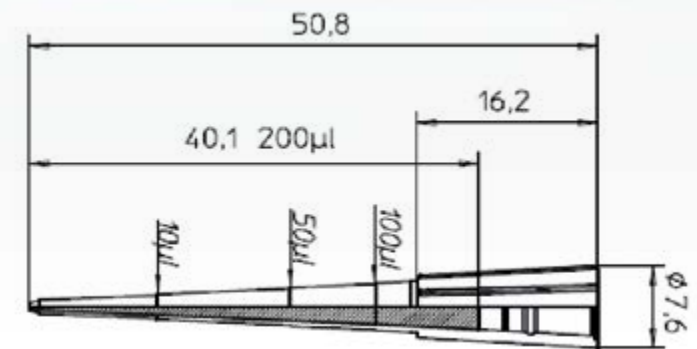


Why TipOne[®] pipette tips?



MORE COMPLICATED THAN YOU THINK

You might think of pipette tips as just small, inconspicuous items of plastic that are “all the same”. However, if you think producing a pipette tip is a simple matter, then you’re wrong! At Starlab, a lot of passion and expertise goes into our pipette tips. Why? Because the quality of the tip used is an essential factor in obtaining accurate results! Pipette tips are used for a variety of working steps, and inaccuracy at each step can accumulate to have a negative influence on your results. At Starlab, our aim is to minimize those inaccuracies through the design and expert manufacturing of TipOne[®], to give you more confidence in your results. That’s why the quality of a pipette tip is so important, and that’s why TipOne[®].



The final construction drawing documents the completed product design process. The slightest deviation from the normal value has a decisive influence on the tip fit. Starlab tips are produced with extreme precision and are tips that you can rely on.

The TipOne® system overview.

*Loose tips made in Germany are supplied in a bag that differs to that shown.



The perfect rack.



KEY BENEFITS

- ✓ Excellent stability and durability
- ✓ Wafer locks securely into rack for trouble-free pipetting
- ✓ Rack base made with 25 % recycled plastic¹⁾
- ✓ Reusable, autoclavable and recyclable²⁾

●●● From January 2025, TipOne® racks produced in Germany are made with 100 % recycled plastic. 75 % of the recyclate used for the rack base is post-consumer TipOne® recyclate collected by customers using the TipOne® recycling service. See page 15 for more info.

THE PERFECT PIPETTE TIP SYSTEM STARTS WITH THE PERFECT RACK

- Lid opens at an optimised angle for unrestricted access
- Optimised base geometry provides secure and precise handling
- Only two sizes in the system: small rack for tip volumes 10 µl to 300 µl and large rack for 1000 µl and 1250 µl tips
- Tip information is printed on the wafer, so you always know the volume and type of tips you are using, whether the tips were originally racked or the rack is being reused with a refill
- System components made of fully recyclable polypropylene²⁾



Autoclavable

Designed to be reused again and again, TipOne® racks can withstand at least 100 autoclave cycles while retaining stability, strength and shape. Autoclave with the lid closed to save space and reduce both the number of autoclave cycles and energy costs.



Ideal for multi-channels

Unrestricted multi-channel access is provided by the optimised opening angle of the lid and the design of the wafer. The rack's base geometry and centre of gravity provides stability and the sturdy wafer ensures a secure tip fit across all channels.



Stackable

The racks are designed to stack safely on top of one another to help save valuable lab space.



Reusable

Reuse the racks over and over again with the easy to use refill systems. This will reduce the amount of new plastic coming into your laboratory as well as minimise the amount of plastic for recycling.

¹⁾ Racks made in USA from July 2024, using recyclate from other sources.

²⁾ All system components (excl. shrink wrap) made from recyclable polypropylene. Shrink wrap made from recyclable LDPE.

THE CLEVER REFILL



Tip options:
Non-sterile tips.



KEY BENEFITS

- ✓ Space saving
- ✓ Autoclavable, once racked
- ✓ Tip info printed on every wafer
- ✓ Recycled packaging¹⁾
- ✓ Recyclable²⁾



THE QUICK AND EASY WAY TO OBTAIN ECONOMICAL RACKED TIPS

- Supplied in two individually-wrapped stacks of five wafers
- Tip information printed on wafers can be seen easily without having to expose tips
- Spacers between the layers protect tips from contamination (10/20 µl, 300 µl & 1000 µl volumes only)
- Once racked, the refills can be autoclaved
- Clear, plastic system components made from 100 % recycled plastic¹⁾
- Fully recyclable²⁾

THE FULLY ENCLOSED STERILE REFILL



Tip options:
Sterile tips.
Sterile filter tips.



KEY BENEFITS

- ✓ Economical
- ✓ Quick and easy to load
- ✓ Tip sterility never compromised during racking
- ✓ Recycled packaging³⁾
- ✓ Recyclable²⁾



THE ECONOMICAL, PLASTIC-SAVING ALTERNATIVE TO STERILE RACKED TIPS

- Individually wrapped
- Tip information printed on wafers can be seen easily without having to expose tips
- Top and bottom shells protect integrity of sterile product
- Space saving. Using sterile refills to reload racks directly during long periods in hoods and PCR workstations saves up to 20 % precious space
- Clear, plastic system components made from 100 % recycled plastic³⁾
- Fully recyclable²⁾

¹⁾ All refill top shells, spacers and bottom shells, manufactured from July 2023, using recyclate from other sources.

²⁾ All system components (excl. shrink wrap) made from recyclable polypropylene. Shrink wrap made from recyclable LDPE.

³⁾ All refill top and bottom shells, manufactured from July 2023, using recyclate from other sources.

THE COMPACT STACK RACK



KEY BENEFITS

- ✓ Compact
- ✓ Stable design
- ✓ Convenient
- ✓ Autoclavable
- ✓ Recyclable¹⁾

Tip options:
Non-sterile tips.
Sterile tips.



960 TIPS IN ONE CONVENIENT & COMPACT UNIT

- Wide base for great stability
- Excellent choice for multi-channel use
- Transparent lid protects tips when not in use
- Tip information printed on the wafers can be read easily through the transparent lid without having to expose the tips
- Fully recyclable¹⁾



¹⁾ All system components (excl. shrink wrap) made from recyclable polypropylene. Shrink wrap made from recyclable LDPE.

THE RESEALABLE BAG



KEY BENEFITS

- ✓ Economical
- ✓ Resealable

Tip options:
Non-sterile tips.

ECONOMICAL – IDEAL FOR TEACHING LABS OR NON-CRITICAL WORK

- Tamper-proof, easy-open perforation strip
- Resealable zip-lock bag for safe, contamination-free storage

• • • Loose tips made in Germany are supplied in a bag that differs to that shown.

TipOne® the trusted tip: pure, but not simple.



1 PURE QUALITY

TipOne® tips are manufactured from pure, virgin polypropylene to ensure the highest quality product.

2 ONE TIP FITS ALL

The flexible tip collar fits all popular pipettes, even those with worn tip holders! Thin-wall technology ensures a perfect seal while also reducing the loading and ejection forces.

3 EXCELLENT FILTER

The TipOne® filter is one of the best on the market and protects against aerosol cross-contamination without trapping your valuable samples. The filters contain no additives to interfere with samples.

4 CLEAR PRECISION

The latest injection moulding processes produce high precision, thin-walled tips with excellent clarity for better visibility of your samples.

5 BRILLIANT

Highly polished moulds for an extremely smooth surface to reduce sample retention.

6 ULTRAPoint® ORIFICE

Prevents sample hang up and makes it easier to touch-off the last drop of sample.

Find the right pipette tip for your pipette, in 3 easy steps!

See our **TipFinder**. No challenging tables to navigate, just an easy to use and always up to date, online tool!

starlab.click/tip-finder



Ordering information



Products include system components made with recycled plastic. See pages 4 & 5 for details.

TipOne® non-sterile tips.



Description & Colour-coding	10 µl Graduated	10/20 µl XL Graduated	200 µl	200 µl Yellow	200 µl Bevelled	200 µl Yellow Bevelled
RACK 96-TIP RACK 	S1111-3800 (960 Tips)	S1110-3800 (960 Tips)	S1111-0800 (960 Tips)	S1111-0806 (960 Tips)	S1111-1800 (960 Tips)	S1111-1806 (960 Tips)
	S1111-3800-C (8 x 960 Tips)	S1110-3800-C (8 x 960 Tips)	S1111-0800-C (8 x 960 Tips)	S1111-0806-C (8 x 960 Tips)	S1111-1800-C (8 x 960 Tips)	S1111-1806-C (8 x 960 Tips)
REFILL 96-TIP REFILL 	S1111-3700 (960 Tips)	S1110-3700 (960 Tips)	S1111-0700 (960 Tips)	S1111-0706 (960 Tips)	S1111-1700 (960 Tips)	S1111-1706 (960 Tips)
	S1111-3700-C (10 x 960 Tips)	S1110-3700-C (10 x 960 Tips)	S1111-0700-C (10 x 960 Tips)	S1111-0706-C (10 x 960 Tips)	S1111-1700-C (10 x 960 Tips)	S1111-1706-C (10 x 960 Tips)
STACK RACK 960 TIP STACK 	S1111-3200 (960 Tips)	N/A	S1111-0200 (960 Tips)	S1111-0206 (960 Tips)	S1111-1200 (960 Tips)	S1111-1206 (960 Tips)
	S1111-3200-C (10 x 960 Tips)	N/A	S1111-0200-C (10 x 960 Tips)	S1111-0206-C (10 x 960 Tips)	S1111-1200-C (10 x 960 Tips)	S1111-1206-C (10 x 960 Tips)
LOOSE 1000 TIP BAG 	S1111-3000 (1000 Tips)	S1110-3000 (1000 Tips)	S1111-0000 (1000 Tips)	S1111-0006 (1000 Tips)	S1111-1000 (1000 Tips)	S1111-1006 (1000 Tips)
	S1111-3000-C (50 x 1000 Tips)	S1110-3000-C (50 x 1000 Tips)	S1111-0000-C (25 x 1000 Tips)	S1111-0006-C (25 x 1000 Tips)	S1111-1000-C (25 x 1000 Tips)	S1111-1006-C (25 x 1000 Tips)

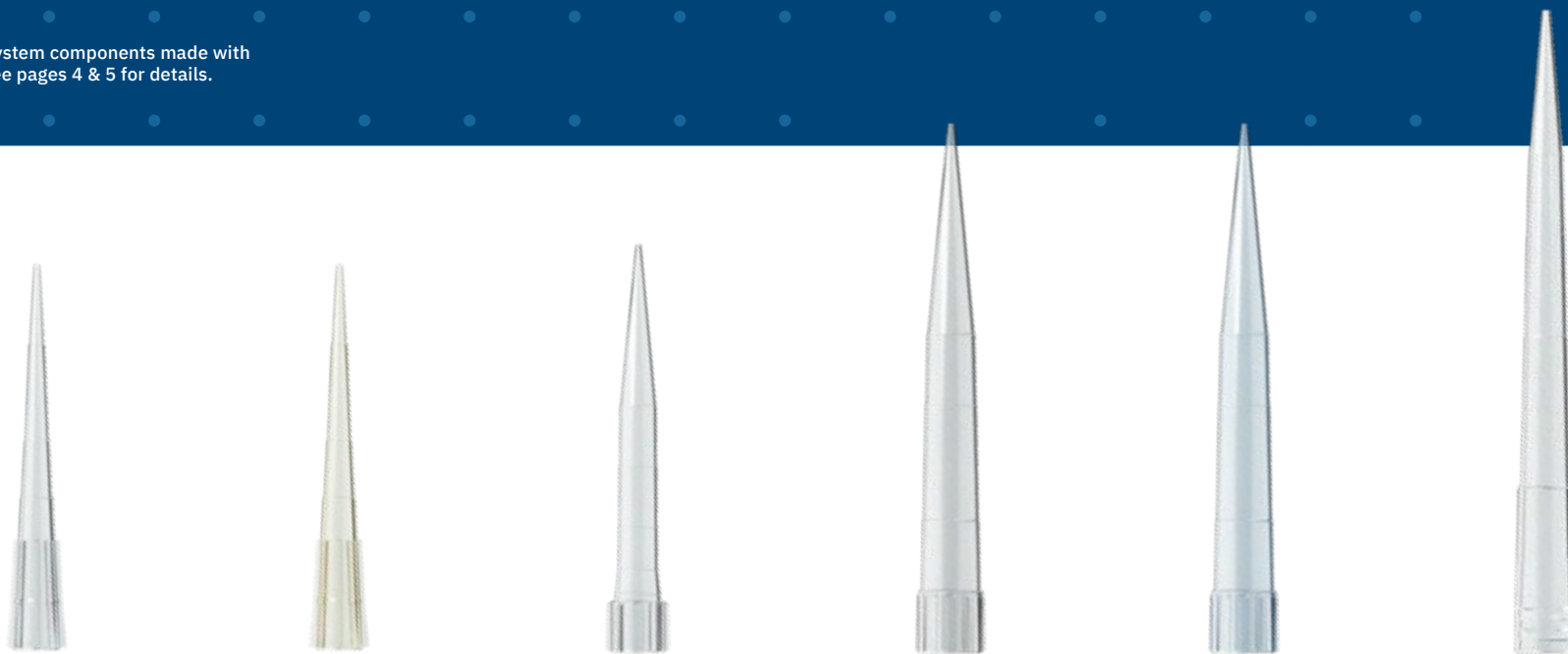
Tips shown approx. actual size. N/A = not available. All tips certified RNase, DNase, DNA and Pyrogen free.



Products include system components made with recycled plastic. See pages 4 & 5 for details.

Ordering information

TipOne® non-sterile tips.



Description & Colour-coding	200 µl UltraPoint® Graduated	200 µl Yellow UltraPoint® Graduated	300 µl Graduated	1000 µl Graduated	1000 µl Blue Graduated	1250 µl XL Graduated
RACK 96-TIP RACK 	S1113-1800 (960 Tips)	S1113-1806 (960 Tips)	S1110-9800 (960 Tips)	S1111-6800 (960 Tips)	S1111-6801 (960 Tips)	S1112-1820 (960 Tips)
	S1113-1800-C (8 x 960 Tips)	S1113-1806-C (8 x 960 Tips)	S1110-9800-C (8 x 960 Tips)	S1111-6800-C (4 x 960 Tips)	S1111-6801-C (4 x 960 Tips)	S1112-1820-C (4 x 960 Tips)
REFILL 96-TIP REFILL 	S1113-1700 (960 Tips)	S1113-1706 (960 Tips)	S1110-9700 (960 Tips)	S1111-6700 (960 Tips)	S1111-6701 (960 Tips)	S1112-1720 (960 Tips)
	S1113-1700-C (10 x 960 Tips)	S1113-1706-C (10 x 960 Tips)	S1110-9700-C (10 x 960 Tips)	S1111-6700-C (10 x 960 Tips)	S1111-6701-C (10 x 960 Tips)	S1112-1720-C (10 x 960 Tips)
STACK RACK 960 TIP STACK 	S1113-1200 (960 Tips)	S1113-1206 (960 Tips)	N/A	N/A	N/A	N/A
	S1113-1200-C (10 x 960 Tips)	S1113-1206-C (10 x 960 Tips)	N/A	N/A	N/A	N/A
LOOSE 1000 TIP BAG 	S1113-1000 (1000 Tips)	S1113-1006 (1000 Tips)	S1110-9000 (1000 Tips)	S1111-6000 (1000 Tips)	S1111-6001 (1000 Tips)	S1112-1020 (1000 Tips)
	S1113-1000-C (25 x 1000 Tips)	S1113-1006-C (25 x 1000 Tips)	S1110-9000-C (25 x 1000 Tips)	S1111-6000-C (20 x 1000 Tips)	S1111-6001-C (20 x 1000 Tips)	S1112-1020-C (16 x 1000 Tips)

Tips shown approx. actual size. N/A = not available. All tips certified RNase, DNase, DNA and Pyrogen free.

Ordering information



Products include system components made with recycled plastic. See pages 4 & 5 for details.

TipOne® sterile tips.



Description & Colour-coding	10 µl Graduated	10/20 µl XL Graduated	200 µl	200 µl Yellow	200 µl Bevelled	200 µl Yellow Bevelled
RACK 96-TIP RACK 	S1111-3810 (960 Tips)	S1110-3810 (960 Tips)	S1111-0810 (960 Tips)	S1111-0816 (960 Tips)	S1111-1810 (960 Tips)	S1111-1816 (960 Tips)
	S1111-3810-C (8 x 960 Tips)	S1110-3810-C (8 x 960 Tips)	S1111-0810-C (8 x 960 Tips)	S1111-0816-C (8 x 960 Tips)	S1111-1810-C (8 x 960 Tips)	S1111-1816-C (8 x 960 Tips)
REFILL 96-TIP REFILL 	N/A	S1110-3710 (960 Tips)	N/A	N/A	S1111-1710 (960 Tips)	S1111-1716 (960 Tips)
	N/A	S1110-3710-C (8 x 960 Tips)	N/A	N/A	S1111-1710-C (8 x 960 Tips)	S1111-1716-C (8 x 960 Tips)
STACK RACK 960 TIP STACK 	S1111-3210 (960 Tips)	N/A	S1111-0210 (960 Tips)	N/A	S1111-1210 (960 Tips)	N/A
	S1111-3210-C (10 x 960 Tips)	N/A	S1111-0210-C (10 x 960 Tips)	N/A	S1111-1210-C (10 x 960 Tips)	N/A

Tips shown approx. actual size. N/A = not available. All tips certified RNase, DNase, DNA and pyrogen free.



Products include system components made with recycled plastic. See pages 4 & 5 for details.

Ordering information

TipOne® sterile tips.



Description & Colour-coding	200 µl UltraPoint® Graduated	200 µl Yellow UltraPoint® Graduated	300 µl Graduated	1000 µl Graduated	1000 µl Blue Graduated	1250 µl XL Graduated
RACK 96-TIP RACK 	S1113-1810 (960 Tips)	S1113-1816 (960 Tips)	S1110-9810 (960 Tips)	S1111-6810 (960 Tips)	S1111-6811 (960 Tips)	S1112-1830 (960 Tips)
	S1113-1810-C (8 x 960 Tips)	S1113-1816-C (8 x 960 Tips)	S1110-9810-C (8 x 960 Tips)	S1111-6810-C (4 x 960 Tips)	S1111-6811-C (4 x 960 Tips)	S1112-1830-C (4 x 960 Tips)
REFILL 96-TIP REFILL 	S1113-1710 (960 Tips)	S1113-1716 (960 Tips)	S1110-9710 (960 Tips)	N/A	N/A	S1112-1730 (960 Tips)
	S1113-1710-C (8 x 960 Tips)	S1113-1716-C (8 x 960 Tips)	S1110-9710-C (8 x 960 Tips)	N/A	N/A	S1112-1730-C (4 x 960 Tips)
STACK RACK 960 TIP STACK 	N/A	S1113-1216 (960 Tips)	N/A	N/A	N/A	N/A
	N/A	S1113-1216-C (10 x 960 Tips)	N/A	N/A	N/A	N/A

Tips shown approx. actual size. N/A = not available. All tips certified RNase, DNase, DNA and pyrogen free.

TipOne® sterile filter tips.

CERTIFIED

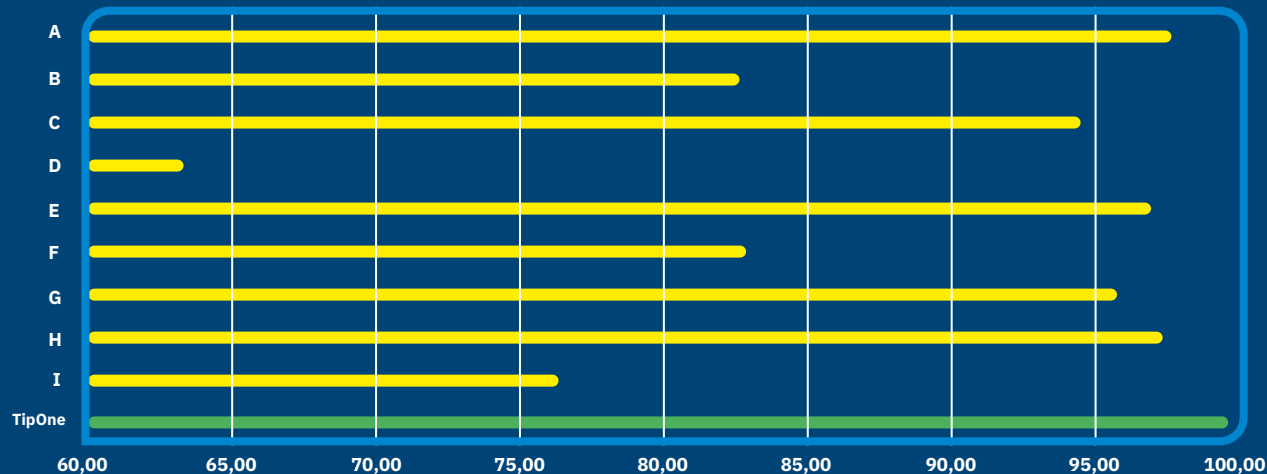


NOTHING GOES THROUGH!

Protect your samples against unwanted contamination with TipOne® filter tips. When pipetting, it's not possible to see by eye if fine aerosols are going into your pipette which can go on to contaminate other samples at a later date.

The TipOne® filter protects against aerosol cross-contamination without trapping your valuable samples. The filters in TipOne® filter tips are one of the best filters available on the market. They are proven* to block >99 % of aerosols.

Blocking of particles (diam. approx. 100 nm) [%]
TipOne® filter tips compared to other manufacturers' filter tips*



* The comparative tests were conducted in an independent test institute with filter tips from other leading manufacturers.

FILTER TIP FEATURES

- Highly effective HDPE filter
- Filter contains no additives to interfere with your samples
- The filter will not absorb samples, allowing recovery if needed
- Sterile and RNase, DNase, DNA and Pyrogen free





Products include system components made with recycled plastic. See pages 8 & 9 for details.

Ordering information TipOne® sterile filter tips.

NEW!



Description & Colour-coding	10 µl Graduated	10/20 µl XL Graduated	20 µl Bevelled	20 µl UltraPoint® Graduated	50 µl Bevelled	100 µl Bevelled	100 µl UltraPoint® Graduated	200 µl Graduated	200 µl UltraPoint® Graduated	300 µl Graduated	1000 µl	1000 µl XL Graduated
RACKED 96-TIP RACK  	S1121-3810 (960 Tips)	S1120-3810 (960 Tips)	S1120-1810 (960 Tips)	S1123-1810 (960 Tips)	S1120-2810 (960 Tips)	S1120-1840 (960 Tips)	S1123-1840 (960 Tips)	S1120-8810 (960 Tips)	S1123-8810 (960 Tips)	S1120-9810 (960 Tips)	S1126-7810 (960 Tips)	S1122-1830 (960 Tips)
	S1121-3810-C (8 x 960 Tips)	S1120-3810-C (8 x 960 Tips)	S1120-1810-C (8 x 960 Tips)	S1123-1810-C (8 x 960 Tips)	S1120-2810-C (8 x 960 Tips)	S1120-1840-C (8 x 960 Tips)	S1123-1840-C (8 x 960 Tips)	S1120-8810-C (8 x 960 Tips)	S1123-8810-C (8 x 960 Tips)	S1120-9810-C (8 x 960 Tips)	S1126-7810-C (4 x 960 Tips)	S1122-1830-C (4 x 960 Tips)
REFILL 96-TIP REFILL  	S1121-2710 (960 Tips)	S1120-3710 (960 Tips)	S1120-1710 (960 Tips)	S1123-1710 (960 Tips)	S1120-2710 (960 Tips)	S1120-1740 (960 Tips)	S1123-1740 (960 Tips)	S1120-8710 (960 Tips)	S1123-8710 (960 Tips)	S1120-9710 (960 Tips)	S1126-7710 (960 Tips)	S1122-1730 (960 Tips)
	S1121-2710-C (8 x 960 Tips)	S1120-3710-C (8 x 960 Tips)	S1120-1710-C (8 x 960 Tips)	S1123-1710-C (8 x 960 Tips)	S1120-2710-C (8 x 960 Tips)	S1120-1740-C (8 x 960 Tips)	S1123-1740-C (8 x 960 Tips)	S1120-8710-C (8 x 960 Tips)	S1123-8710-C (8 x 960 Tips)	S1120-9710-C (8 x 960 Tips)	S1126-7710-C (4 x 960 Tips)	S1122-1730-C (4 x 960 Tips)

Tips shown approx. actual size. All tips certified RNase, DNase, DNA and Pyrogen free.

Why less is more with TipOne®.

➤ REDUCE

USE OF NATURAL RESOURCES

Reusing recycled plastic reduces the need to extract new, raw materials from the earth and protects natural resources.

100 %

RECYCLED PLASTIC

The clear plastic system components – top & bottom shells and spacers – on all refills (made in USA & Germany) are made from 100 % recycled plastic¹⁾.



25 %

RECYCLED PLASTIC

The base of all TipOne® racks manufactured in USA from July 2024, are made with 25 % recycled plastic¹⁾.



75 %

TipOne® RECYCLED PLASTIC

From January 2025, the base and lid of TipOne® racks produced in Germany are made with 100 % recycled plastic. The recydate used for the base includes 75 % post consumer recydate collected by our customers using our TipOne® recycling service.



➤ REFILL

TO SAVE PLASTIC USE

63 %

PLASTIC SAVED

when using a sterile refill compared to using the racked equivalent on tip volumes 10 to 300 µl. 53 % plastic saved for tip volumes 1000 and 1250 µl.



807 g

PLASTIC SAVED

when using the 1250 µl refill compared to racked equivalent. (466 g for 10 µl; 546 g for 200/300 µl and 737 g for 1000 µl.) All savings quoted per 960 tips.



➤ REUSE

THE RACKS AGAIN & AGAIN 100

AUTOClave CYCLES

TipOne® racks are designed to be reused. We have tested them; they can withstand at least 100 autoclave cycles (with wafers inserted) without any loss of shape or quality.



➤ RECYCLE

THE FIRST, CLOSED-LOOP RECYCLING SERVICE FOR LABS

WHAT IS CLOSED LOOP RECYCLING?

A closed loop is a sustainable recycling system that allows TipOne® plastic to be recycled and reused for more TipOne® products. One of the benefits of a closed loop system is that the polypropylene is kept within the production cycle for as long as possible, thus creating a sustainable cycle of material for use, ie a circular economy, that will, in time, eliminate the need for new, virgin materials.

~100 t

PLASTIC COLLECTED

By Jan 2025, over 100 tonnes of reground TipOne® plastic had been collected – thus avoiding the need to source 100 t of virgin PP, and eliminating the associated greenhouse gas (GHG) emissions of raw materials extraction.



ZERO

OTHER MATERIAL

TipOne® system components are made entirely from recyclable polypropylene (PP) and contain no labels or other materials, so recycling is quick and easy.



SECOND LIFE

Buy your tips by the case, and reuse the case carton to send us your TipOne® polypropylene for recycling. We will recycle the box, as well as the plastic!



100 %

OF YOUR RECYCLING WILL BE REUSED

Starlab guarantees that 100 % of the TipOne® polypropylene returned will be recycled and reused.



100 %

RECYCLED & RECYCLABLE CARDBOARD

Pack and case cartons for all TipOne® products are made from recycled and recyclable cardboard.



TipOne® recycling service.

WHAT CAN BE RECYCLED?

All polypropylene (PP) components of the TipOne® system can be collected for recycling via the Starlab TipOne® recycling service. Please only return clean, non-contaminated TipOne® components, and no tips!



Rack: base, lid, tip wafer

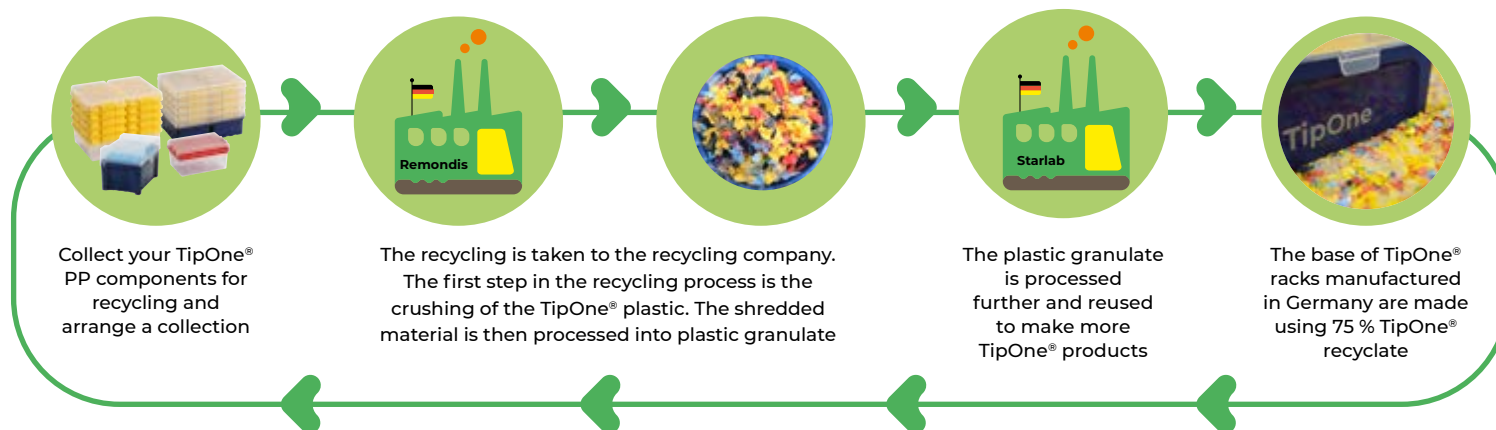
Refills: Top & bottom shells, spacers, tip wafer

Stack Rack: base, frame, lid, tip wafer

All plastic TipOne® system components, excluding tips, the bag used for loose tip and the shrink wrap, can be returned for recycling



WHAT HAPPENS TO MY RECYCLING?



SEE OUR CLOSED-LOOP RECYCLING VIDEO



WATCH VIDEO

HOW THE SERVICE WORKS

It's easy to use! Collect the recycling, go online to organise a collection, and a courier will come in and pick it up. The convenient service allows you to organise the regularity of collections to suit your lab's needs.

JOIN US!

Starlab's closed-loop recycling service is available to all TipOne® customers located in Austria, France, Germany, Italy and the UK.

To join, you can sign up here:
www.starlab.click/recycling

Starlab Switzerland and some international dealers of Starlab products also offer their own recycling services for TipOne® polypropylene. To find out where, go to www.starlab.click/recycling-int



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Passionate for science.



WATCH VIDEO



Endless pipetting but you still save plastic.

You are passionate for science.

For over 25 years, TipOne® Pipette Tips have been the unwavering choice for laboratories worldwide. Our commitment to quality and reliability whilst also working towards providing one of the most sustainable pipette tip systems on the market, has made TipOne® the trusted partner of eco-conscious scientists and researchers who demand excellence. Our tips fit all popular pipettes, ensuring seamless compatibility and ease of use for all pipettes in your lab.

 starlab.click/tipone

PRINTED ON RECYCLED PAPER.