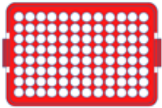


## Improvements to STARLAB pipette tips and wafers

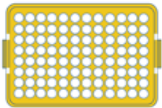
In the course of 2014, and continuing into 2015, Starlab has made a number of improvements and changes to several of the pipette tips and packaging. Below, you will find a summary of the changes.

### Colour coded wafers

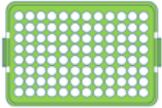
The new colour coding system follows the same rules as you already have seen on the TipOne product labels and the ErgoOne pipettes:



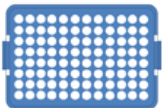
Volume 10 up to 10/20  $\mu$ l XL (Micro Tips)



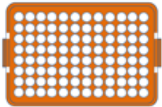
Volume 20 – 200  $\mu$ l



Volume 300  $\mu$ l



Volume 1000 – 1250  $\mu$ l XL



Wafers of RPT tips remain orange

The wafers for RPT tips will remain orange in order to enable quick and clear identification of RPT tips.

### Advantages

- Most tips are 3 mm longer, which allows for easier pipetting of small volumes from large tubes
- Uses approximately 15% less plastic, which enhances RPT effects and helps to conserve resources
- A new thin-wall collar design, for lower loading and ejection forces

### Pack size changes

PLEASE NOTE, that for the following articles the case-sizes are changed:

- S1111-3800-C: from 21 units to 8 units per case
- S1111-1806-C: from 21 units to 8 units per case
- S1110-3700-C: from 12 units to 10 units per case
- S1111-6700-C: from 9 units to 10 units per case
- S1111-6800-C: from 8 units to 4 units per case
- S1111-6801-C: from 8 units to 4 units per case

Prices are adjusted to the new sizes

Extra documentation and certification of the improvements to the tips, like calibration reports are available.

For any questions, documentation or calibration reports, please contact us at [support@isogen-lifescience.com](mailto:support@isogen-lifescience.com) or telephone number +31 (0)30 688 0771

# Detailed information on improvement and changes to the Standard Tips

## No changes on the 10 µl Graduated Tip

### Introduction of a new 10/20 µl XL Graduated Tip

The new 10/20 µl XL pipette tip replaces the 10 µl XL Graduated Tip and the 20 µl Micro Tip (Eppendorf style). The new tip will keep the article number of the 10 µl XL Graduated Tip.

#### Advantages

- The tip is 3 mm longer, which allows the easy pipetting of small volumes from large tubes
- Unique TipOne collar design
- Uses approximately 15% less plastic which helps to conserve resources

## No changes on the 200 µl Tip and 200 µl Bevelled Tip (in yellow en natural)

### Introduction of new 200 µl UltraPoint Graduated Tip

The 200 µl Bevelled Graduated Tip will be completely redesigned and will have new article numbers.

#### Advantages

- The extremely fine UltraPoint helps prevent sample 'hang-up' and makes it easier to get the last drop
- Extra-Clear plastic provides easy, visual indication of sample volume - without the need for clarifiers!
- Unique TipOne collar design for easy identification of TipOne tips
- Thin wall collar for lower loading and ejection forces
- Uses approximately 20% less material, which helps conserve resources

### Improvement of the 300 µl Graduated Tip

The 300 µl Graduated Tip will be completely redesigned and will have new article numbers.

#### Advantages

- The new tips are 3.2 mm longer so you can reach the bottom of every tube effortlessly
- Thin wall collar for lower loading and ejection forces
- Fine point orifice ensures easy transfer of sample to your tube
- Unique TipOne collar design for easy identification of TipOne tips

### Improvement of the 1000 µl Graduated Tip

The 1000 µl Graduated Tip will be completely redesigned and will have new article numbers.

#### Advantages

- Smaller diameter for easier access into narrow tubes/vials
- Thin wall collar for lower loading and ejection forces
- Graduation at 1000 µl is now more defined
- Multi-Channel compatible
- Unique TipOne collar design for easy identification of TipOne tips
- Uses approximately 50% less material which helps conserve resources

#### Note

The new 1000 µl bulk tips will not fit in the purple wafer anymore. The purple wafer needs to be replaced by the new blue wafer for the new tips. In every loose bag of 1 ml tips, 2 – 3 new blue wafers are included. Alternatively, you can use the blue wafer and rack of the 1000 µl filter tip. If you would like to receive more wafers, just ask your area manager of inside sales support at [support@isogen-lifescience.com](mailto:support@isogen-lifescience.com) or telephone number +31 (0)30 688 0771.

## No changes on the 1250 µl XL Graduated Tip

### The 1250 µl Graduated Tip will be discontinued

# Detailed information on improvement and changes to the Filter Tips

## No changes on the 10 µl Graduated Filter Tip S1121-3810

### Introduction of a new 10/20 µl XL Graduated Filter Tip S1120-3810

The new 10/20 µl XL Graduated Filter pipette tip replaces the 10 µl XL Graduated Filter Tip. This 10/20 µl XL Filter Tip will keep the same article number of the 10 µl XL Filter Tip.

#### Advantages

- The tip is 3 mm longer, allowing easy pipetting of small volumes from large tubes
- New filter position for a better fit on 2.5 µl ErgoOne and 20 µl Gilson pipettes
- Unique TipOne collar design
- Uses approximately 15% less plastic, which helps to conserve resources

## Changes on the 20 µl filter Tips

- The 20 µl Micro Filter Tip (Eppendorf style, product number S1121-4810) will be discontinued
- No changes to the 20 µl Beveled Filter Tip S1120-1810
- Introduction of a new 20 µl Ultrapoint Graduated Filter Tip, product number S1123-1810

## No changes on the 50 µl Bevelled Filter Tip, product number S1120-2810

### Changes on the 100 µl Filter Tips

- No changes to the 100 µl Bevelled Filter Tip, S1120-1840.
- Introduction of a new 100 µl Ultrapoint Graduated Filter Tip, product number S1123-1840

## No changes on the 200 µl Graduated Filter Tip, product number S1120-8810

### Introduction of new 300 µl Graduated Filter Tip, product number S1120-9810

The new 300 µl Graduated Filter Tip has the following improvements and advantages:

- The new tips are 3.2 mm longer so you can reach the bottom of every tube effortlessly.
- Thin wall collar for lower loading and ejection forces.
- Fine point orifice ensures easy transfer of sample to your tube.
- Unique TipOne collar design for easy identification of TipOne Tips.
- New filter tip size holds a full 300 µl with room to spare.
- New filter tips are compatible with multi-channel use

## No changes on the 1000 µl Filter Tips

For any questions, documentation or calibration reports, please contact us at [support@isogen-lifescience.com](mailto:support@isogen-lifescience.com) or telephone number +31 (0)30 688 0771