

# Qualitix®

reliable consumables – by excellence

# premium micropipette tips



The new Qualitix® pipette tip programme is all about quality, flexibility and compatibility. An extended line for accurate liquid delivery, fitting not only Socorex® but all major micropipette brands. Packaging selection (bags, racks and *tipfill* rack filling system), together with a choice of tip styles with and without protection filter offer appreciated versatility. Qualitix® and Socorex® micropipettes are the most perfect match for optimized test results according to international standards.

#### The Qualitix® line features:

- Wide selection, superior quality, autoclavable
- Bags, racks and *tipfill* rack filling system
- Lot by lot consistency
- Certified free of nuclease, endotoxin and ATP
- Reduced packaging size, less bench space requirement
- Broad compatibility with major micropipette brands



 **SOCOREX**  
SWISS



### ► Broad compatibility

The Qualitix® tips tightly fit Socorex® pipettes and all major market brands.



### ► Beveled and fine pointed

Beveled tip end (a) greatly reduces sticking of liquid drops. Fine pointed tips (b) have a thin and soft end, enabling small liquid volume deposit, thus enhancing reproducibility in repeat pipetting. A long and soft end is typical for gel load tips (c).



### ► Autoclavability - sterility

All Qualitix® including sterile models, with the exception of filter tips, can be autoclaved at 121°C/250 °F for 20 minutes.



### ► Free tip samples

Socorex provides the possibility to evaluate quality, compatibility and reliability of the Qualitix® programme. Free samples are available from local distributors.

## A broad tip selection

The various tip styles and packaging options bring an excellent choice of Qualitix® from 10 µL to 10 mL. Considering regular or extended tips, sterile or non-sterile versions, gel load, low binding or filtered models, there is always a solution, whatever the application or instrument brand.

Free samples on request



## Aerosol protection - no contamination

Filter tips include a 10 µ pore hydrophobic HDPE filter to retain any contaminant, efficiently protecting both pipette and sample. The high tip purity, as well as the gamma irradiation are certified as per details available on p.9.

## Low retention - maximal recovery

Low binding tips (a) are made of silicone-free resin, greatly reducing surface adhesion and providing maximal liquid recovery. Available in 10, 200 and 1000 µL capacities, in sterile and non-sterile racks. Also protease-free certified, they are best suited for proteomic research and accurate handling of viscous liquids.





## Rack filling system

The *tipfill* packs are intended for easy rack loading. A practical and economical solution for any laboratory, limiting work interruption to a minimum. Each 96-tip insert is instantly transferred into an empty rack without risk of contamination. The transfer cover keeps tips clean and prevents wobbling during refilling.



① Open *tipfill* box.



② Lift transfer cover. Tips fully protected.



③ Position into empty rack.



④ Push to click.



⑤ Reposition cover.



⑥ Ready to work.

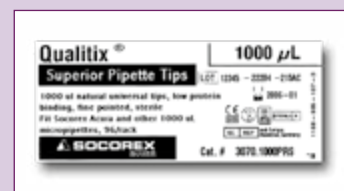
## Application guide

Tip style	Features	Benefits
Regular tips	Superior quality, optimal and universal pipette fitting.	Common use in daily pipetting with Socorex® and other pipette brands.
Filter tips	Same as above, includes 10 µ pore size hydrophobic HDPE protection filter.	Efficient protection for both pipette and sample against aerosol contamination.
Low binding tips	Special material provides for very low surface retention.	Accurate handling of thick, viscous liquids and protein/peptide samples.
Gel loading tips	Long, thin and soft tip end, universal fitting.	Precise sample distribution in confined area without damaging gel structure.
Extended tips	Long tip length, universal fitting.	Easy access into narrow, deep tubes while limiting contact with tube wall.



### ► Packaging options

Tips available in bags, hinged lid racks and *tipfill* rack filling system. Racks have smooth rounded edges and ergonomic snap latch that won't catch gloves. The transparent lid enables instant view of content. Empty racks are re-usable with *tipfill* system.



### ► Detailed label information

Qualitix® autoclavable resistant labels include volume, catalogue and lot numbers. Sterile products show expiry date as well. Rack labels remain permanently.



### ► Environmental aspects





Packaging is optimized ensure good protection while using minimal cardboard material. This reduces waste volume as a contribution to environmental care.







### ► Space reduction

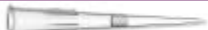

The smart re-closable *tipfill* box uses far less space than corresponding amount of conventional racks, and produces less plastic waste. This has a direct impact on storage requirement, shipping costs and environment.






## Ordering information – Qualitix® pipette tip selection



10 µL Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	31.4	Natural	10 µL ultra-microtips, fine pointed, graduated, autoclavable		1000/bag	10 bags	3090.0010B
		Natural	10 µL ultra-microtips, fine pointed, graduated, autoclavable		12x 96/rack	10 packs	3090.0010R
		Natural	10 µL <i>tipfill</i> system incl. ultra-microtips, fine pointed, graduated		13x 96/pack	10 packs	3090.0010T
				Empty rack for 10/200 µL tips to be used with <i>tipfill</i> system, autoclavable		10/pack	10 packs
	38.1	Natural	10 µL ultra-microtips, fine pointed, graduated, autoclavable	✓	12x 96/rack	10 packs	3090.0010RS
		Natural	10 µL extended microtips, fine pointed, autoclavable		1000/bag	10 bags	3020.0010B
	38.1	Natural	10 µL extended microtips, fine pointed, autoclavable		10x 96/rack	10 packs	3020.0010R
		Natural	10 µL capillary tips for gel loading, autoclavable		4x 204/rack	N/A	302.0010GR
	71.0	Natural	10 µL capillary tips for gel loading, autoclavable		4x 204/rack	N/A	302.0010GR


10 µL Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	31.4	Natural	10 µL ultra-microtips, fine pointed, graduated	✓	12x 96/rack	10 packs	3090.0010FRS
	38.1	Natural	10 µL extended microtips, fine pointed	✓	10x 96/rack	10 packs	3020.0010FRS


10 µL Low Protein Binding Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	31.4	Natural	10 µL ultra-microtips, low binding, fine pointed, autoclavable		12x 96/rack	10 packs	3090.0010PR
		Natural	10 µL ultra-microtips, low binding, fine pointed, autoclavable	✓	12x 96/rack	10 packs	3090.0010PRS
	38.1	Natural	10 µL ultra-microtips, low binding, fine pointed, autoclavable		10x 96/rack	10 packs	3020.0010PR
		Natural	10 µL ultra-microtips, low binding, fine pointed, autoclavable	✓	10x 96/rack	10 packs	3020.0010PRS


20 - 100 µL Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	49.6	Natural	20 µL filter tips, bevel point	✓	10x 96/rack	10 packs	3080.0020FRS
	49.6	Natural	100 µL filter tips, bevel point	✓	10x 96/rack	10 packs	3080.0100FRS





200 µL Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	49.6	Natural	200 µL universal tips, bevel point, graduated, autoclavable		1000/bag	10 bags	3070.0200B
		Natural	200 µL universal tips, bevel point, graduated, autoclavable		10x 96/rack	10 packs	3070.0200R
		Natural	200 µL <i>tipfill</i> system incl. universal tips, bevel point, graduated		10x 96/pack	10 packs	3070.0200T
			Empty rack for 10/200 µL tips to be used with <i>tipfill</i> system, autoclavable		10/pack	10 packs	3070.0210ER
	49.6	Natural	200 µL universal tips, bevel point, graduated, autoclavable	✓	10x 96/pack	10 packs	3070.0200RS
		Yellow	200 µL regular tips, bevel point, autoclavable		1000/bag	10 bags	3290.0200B
	49.6	Yellow	200 µL regular tips, bevel point, autoclavable		10x 96/rack	10 packs	3290.0200R
		Yellow	200 µL regular tips, bevel point, autoclavable	✓	10x 96/rack	10 packs	3290.0200RS
	49.0	Yellow	200 µL short neck tips for Calibra® pipettes, autoclavable		2x 500/bag	N/A	328.0200B
		Yellow	200 µL short neck tips for Calibra® pipettes, autoclavable		10x 96/rack	N/A	328.0200R
	82.5	Natural	200 µL capillary tips for gel loading, autoclavable		6x 96/rack	8 packs	3080.0200GR


200 µL Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	51.2	Natural	200 µL universal tips, bevel point	✓	10x 96/rack	10 packs	3070.0200FRS
	83.8	Natural	200 µL extended tips, fine pointed	✓	6x 96/rack	8 packs	3080.0200LFRS


200 µL Low Protein Binding Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	49.6	Natural	200 µL universal tips, low binding, graduated, autoclavable		10x 96/rack	10 packs	3070.0200PR
		Natural	200 µL universal tips, low binding, graduated, autoclavable	✓	10x 96/rack	10 packs	3070.0200PRS




350 µL Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	58.8	Natural	350 µL tips, autoclavable		1000/bag	N/A	308.0350B
		Natural	350 µL tips, autoclavable		10x 96/rack	N/A	308.0350R

300 µL Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	58.8	Natural	300 µL tips	✓	10x 96/rack	N/A	308.0300FR

1000 µL Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	88.9	Natural	1000 µL universal tips, fine pointed, autoclavable		1000/bag	10 bags	3070.1000B
		Natural	1000 µL universal tips, fine pointed, autoclavable		6x 96/rack	8 packs	3070.1000R
		Natural	1000 µL <i>tipfill</i> system incl. universal tips, fine pointed		5x 96/rack	10 packs	3070.1000T
			Empty rack for 1000 µL tips to be used with <i>tipfill</i> system, autoclavable		6/pack	8 packs	3070.1000ER
		Natural	1000 µL universal tips, fine pointed, autoclavable	✓	6x 96/rack	8 packs	3070.1000RS
	75.9	Blue	1000 µL regular tips, bevel point, autoclavable		1000/bag	10 bags	3190.1000B
		Blue	1000 µL regular tips, bevel point, autoclavable		6x 96/rack	8 packs	3190.1000R
		Blue	1000 µL regular tips, bevel point, autoclavable	✓	6x 96/rack	8 packs	3190.1000RS
	75.9	Natural	1000 µL regular tips, bevel point, graduated, autoclavable		1000/bag	10 bags	3090.1000B
		Natural	1000 µL regular tips, bevel point, graduated, autoclavable		6x 96/rack	8 packs	3090.1000R
	72.0	Blue	1000 µL regular tips, autoclavable		4x 250/bag	N/A	319.1000B
		Blue	1000 µL regular tips, autoclavable		8x 60/rack	N/A	319.1000R

1000 µL Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	88.9	Natural	1000 µL universal tips, fine pointed	✓	6x 96/rack	8 packs	3070.1000FRS























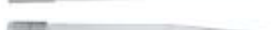
1000 µL Low Protein Binding Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	88.9	Natural	1000 µL universal tips, low binding, fine pointed, autoclavable		6x 96/rack	8 packs	3070.1000PR
		Natural	10 µL ultra-microtips, fine pointed, autoclavable	✓	6x 96/rack	8 packs	3070.1000PRS

2, 5, 10 mL Macrotips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	115.5	Natural	2 mL macrotips, autoclavable		2x 250/bag	N/A	312.02
	123.2	Natural	5 mL macrotips, graduated, autoclavable		2x 250/bag	N/A	312.05B
		Natural	5 mL macrotips, graduated, autoclavable		2x 50/rack	N/A	312.05R
	150.0	Natural	10 mL macrotips, autoclavable		3x 100/bag	N/A	312.10
		Natural	Empty rack for 24x 10 ml macrotips, autoclavable		4/pack	N/A	312.10ER

B = bag, E = empty, F = filter, G = gel, L = long, P = low binding, R = rack, S = sterile, T = *tipfill* refill system

## Socorex® compatibility chart
























Chart indicates optimal combination of Qualitix® and Socorex® pipettes.

		Acura® manual and Acura® electro												Calibra® digital																							
		815					825 / 826 / 926					835 / 936		855 / 956			822		832		852																
		Up to 10 µL	10 µL / 15 / 20 µL	25 to 100 µL	120 to 200 µL	250 to 1000 µL	0.1 - 2 µL	0.5 - 10 µL	1 - 10 µL (Y)	2 - 20 µL	5 - 50 µL	10 - 100 µL	20 - 200 µL	100 - 1000 µL	0.2 - 2 mL	0.5 - 5 mL	1 - 10 mL	0.5 - 10 µL	5 - 50 µL	10 - 100 µL	20 - 200 µL	40 - 350 µL	2 - 20 µL	10 - 100 µL	20 - 200 µL	100 - 1000 µL	0.2 - 2 mL	1 - 10 mL	1 - 10 µL	10 - 100 µL	20 - 200 µL						
<b>10 µL Microtips</b>	<b>Tip ref.</b>																																				
		3090	●				●	●										●																			
		3020	●				●	●																													
		302	● <sup>2</sup>						● <sup>2</sup>																												
		3090	●					●	●										●																		
	3020	●					●	●																													
<b>20 - 100 µL Microtips</b>	<b>Tip ref.</b>																																				
		3080		●					●	●	● <sup>1</sup>																										
	3080			●						●	●	● <sup>1</sup>																									
<b>200 µL Microtips</b>	<b>Tip ref.</b>																																				
		3070	●	●	●				●	●	●	●	●						●	●	●																
		3290	●	●	●				●	●	●	●	●						●	●	●																
		328																										●	●	●				●	●		
		3080				●				●	●	●	●																								
		3070			●	●								●																							
	3080				●								●																								
<b>300 - 350 µL Microtips</b>	<b>Tip ref.</b>																																				
		308			●							●	●															●	●								
	308			●									●																								
<b>1000 µL Microtips</b>	<b>Tip ref.</b>																																				
		3070				●							●																								
		3190				●							●																								
		3090				●							●																								
		319				●							●																								
	3070				●							●																									
<b>2, 5, 10 mL Macrotips</b>	<b>Tip ref.</b>																																				
		312																●																			
		312																		●																	
	312																				●																

<sup>1</sup> Up to max. tip volume    <sup>2</sup> For volumes > 2 µL

## Other brands compatibility chart

The Qualitix® line also fits major micropipette brands available in the market.

	Brand	Eppendorf					Gilson									
		Such as models: Transferrpette S, Electro					Such as models: Research Plus / Pro					Such as models: Pipetman, Classic, G, L				
		2.5, 10 µL	20, 50, 100, 200 µL	250, 300 µL	1000 (1200) µL	2, 5, 10 mL	2, 10 µL	20, 50, 100, 200 µL	300 µL	1000 µL	5, 10 mL	2, 10 µL	20, 50, 100, 200 µL	250, 300 µL	1000 µL	2, 5, 10 mL
<b>10 µL Microtips</b>	<b>Tip ref.</b>															
	3090	●					●					●				
	3020	●					●					●				
	302	●					●					●				
	3090	●					●					●				
	3020	●					●					●				
<b>20 - 100 µL Microtips</b>	<b>Tip ref.</b>															
	3080						● <sup>1</sup>					● <sup>1</sup>				
	3080	● <sup>1</sup>					● <sup>1</sup>					● <sup>1</sup>				
<b>200 µL Microtips</b>	<b>Tip ref.</b>															
	3070		●					●					●			
	3290		●					●					●			
	328															
	3080		●					●					●			
	3070		●					●					●			
	3080		●					●					●			
<b>300 - 350 µL Microtips</b>	<b>Tip ref.</b>															
	308			●									●			
	308			●												
<b>1000 µL Microtips</b>	<b>Tip ref.</b>															
	3070				●				●					●		
	3190				●				●					●		
	3090				●				●					●		
	319				●				●					●		
	3070				●				●					●		
<b>2, 5, 10 mL Macrotips</b>	<b>Tip ref.</b>															
	312									●						
	312														●	
	312															

<sup>1</sup> Up to maximal tip volume

Brand names belong to their respective owners.

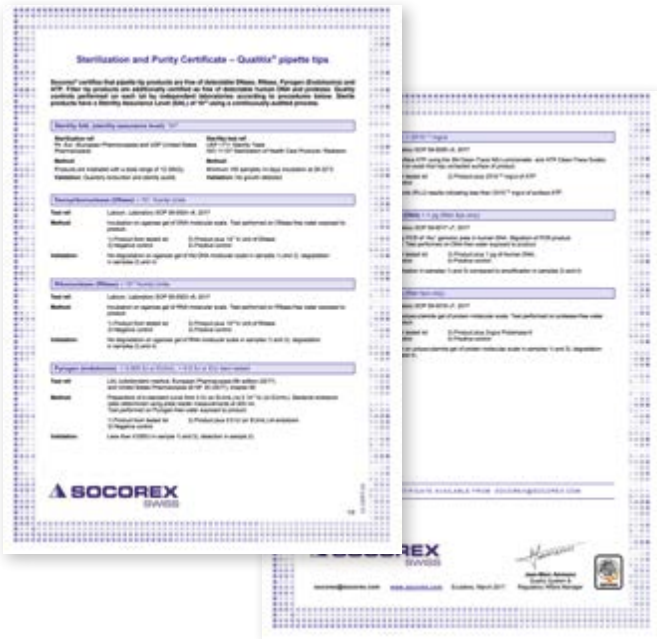






## Superior quality material

Socorex is aiming at providing reliable pipette tips to ensure consistent analytical results. High purity grade and lot-by-lot consistency guaranteed. Product certificate supplied in each pack documents test methods and detection level. Lot specific certificate available from Socorex and its local partners.



View certificate



### ► First class material

Only virgin, medical grade polypropylene used in tip manufacturing process. Material guaranteed metal-free and non cytotoxic, eliminating possible disturbance.

### ► bioproof level

The Qualitix® line is free of detectable DNase, RNase, Pyrogen (Endotoxins) and ATP. Filter tips are additionally certified free of detectable human DNA and protease.



## Purity benefits

Feature	Advantage	Regular Qualitix®	Low binding tips	Filter tips
Nuclease-free (DNase and RNase)	Safe handling of samples containing genetic material	•	•	•
Human DNA-free	bioproof purity level for any critical pipetting (PCR, qPCR)			•
Pyrogen-free	Recommended in cell culture laboratories	•	•	•
ATP-free (Adenosin Triphosphate)	Beneficial in accurate measurement of cells or bacteria activity	•	•	•
Heavy metal-free	Adequate for trace analysis	•	•	•
Protease-free	Protection of valuable samples containing peptides and proteins		•	•
Sterility	Preserve sample integrity	• <sup>1</sup>	• <sup>1</sup>	•

<sup>1</sup> Sterile items only

### ► Stringent quality controls

Each lot is tested by independent laboratories according to recognized procedures. Sterile products have a Sterility Assurance Level (SAL) of 10<sup>-6</sup> using a continuously audited process.

### ► Standards and compliance

Qualitix® pipette tips conform to the CE directive IVD 98/79 EEC (in vitro diagnostic medical devices).



# Qualitix®

reliable consumables – by excellence

# premium micropipette tips



### All-purpose reagent reservoirs

Well suited for single and multichannel pipetting. V-shape bottom enables aspiration until last reagent drops. Made of PP, autoclavable, re-usable.



More details



### 8- and 12-channel reservoirs

Made of PS material, provide ideal solutions for multichannel pipette applications. Supplied in bulk pack (non-sterile) or single wrapped (sterile).



### Straw tips for 1:10 dilution pipette

Fitting the Acura® 810 model, the long and thin shape straw tips allow pick-up of particle containing liquids in Stomacher® bags and deep, narrow reservoirs. Supplied sterilized in re-sealable bags.



More details



### Glass Pasteur pipettes

Standard 2 mL models fitting Acura® and Calibra® 2 and 5 mL macropipettes with their respective adapters. Useful alternative to macrotips, when handling PP affecting reagents.



More details

### Your local distributor

Placeholder for local distributor information.

Products and specifications are subject to change without prior notice.



**SOCOREX**  
SWISS

Socorex Isba SA  
Chemin de Champ-Colomb 7a  
1024 Ecublens / Lausanne  
Switzerland  
Tel. +41 (0)21 651 6000  
socorex@socorex.com  
www.socorex.com