

# SOCOREX®

## Qualitix® Premium Micropipette Tips



### The Qualitix® line features:

- Wide selection, superior quality, autoclavable
- Purchase in bags, racks, or the smart *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

The **NEW Qualitix® Pipette Tip Program** is all about quality, flexibility and compatibility. These new tips offer accurate liquid delivery in both standard and low protein binding resin, 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.

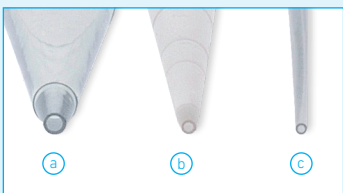


**DWK LIFE SCIENCES**  
DURAN WHEATON KIMBLE



#### ► 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® program. 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, sterile or non-sterile versions, gel load, low binding or filtered models, there is always a solution, whatever the application or instrument brand.

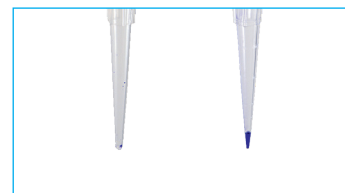


#### Aerosol protection – no contamination

Filter tips include a 10 µm pore hydrophobic HDPE filter to retain any contaminant, efficiently protecting both pipette and sample. Filter tips are designated with an 'F' at the end of the part number and are available in non-sterile and sterile versions.

#### Low retention – maximal recovery

Low binding tips 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.



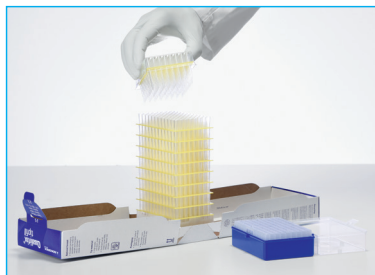
QUALITIX® LOW BINDING TIP vs REGULAR TIP

## Rack filling system

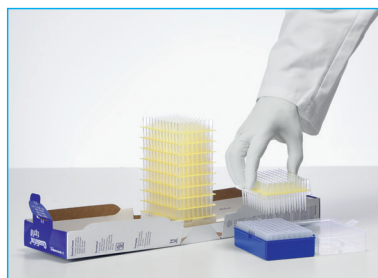
The *tipfill*<sup>TM</sup> packs are intended for easy rack loading. A practical and economical solution for any laboratory, limiting work interruption to a minimum. Each 96-tip insert is instantly transferred into an empty rack without risk of contamination. The transfer cover keeps tips clean and prevents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



① Open *tipfill*<sup>TM</sup> box.



② Lift transfer cover. Tips fully protected.



③ Position into empty rack.



④ Push to click.



⑤ Reposition cover.



⑥ Ready to work.

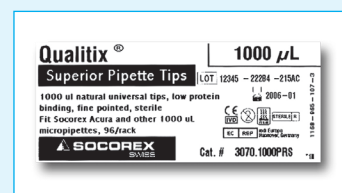
## Application guide

Tip style	Features	Benefits
Regular tips	Superior quality, optimal and universal pipette fitting.	Common use in daily pipetting with Socorex <sup>®</sup> and other pipette brands.
Filter tips	Same as above, includes 10 µm 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.



### ► Packaging options

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



### ► Detailed label information

Qualitix<sup>®</sup> 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*<sup>TM</sup> 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	Case	Quantity	
	31.4	Natural	10 µL ultra-microtips, fine pointed, graduated, autoclavable		1,000 / bag	1,000 tips	3090.0010B
		Natural	10 µL ultra-microtips, fine pointed, graduated, autoclavable		12x96 / rack	1,152 tips	3090.0010R
		Natural	10 µL <i>tipfill</i> ™ system incl. ultra-microtips, fine pointed, graduated		13x96 / case	1,248 tips	3090.0010T
				Empty rack for 10 / 200 µL tips to be used with <i>tipfill</i> ™ system, autoclavable		10 / case	10 racks
	71.0	Natural	10 µL capillary tips for gel loading, autoclavable		4x204 / rack	816 tips	302.0010GR


10 µL Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	31.4	Natural	10 µL ultra-microtips, fine pointed, graduated	✓	12x96 / rack	1,152 tips	3090.0010FRS


10 µL Low Protein Binding Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	31.4	Natural	10 µL ultra-microtips, low binding, fine pointed, autoclavable		12x96 / rack	1,152 tips	3090.0010PR
		Natural	10 µL ultra-microtips, low binding, fine pointed, autoclavable	✓	12x96 / rack	1,152 tips	3090.0010PRS


20 - 100 µL Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	49.6	Natural	20 µL filter tips, bevel point	✓	10x96 / rack	960 tips	3080.0020FRS
	49.6	Natural	100 µL filter tips, bevel point	✓	10x96 / rack	960 tips	3080.0100FRS


200 µL Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	49.6	Natural	200 µL universal tips, bevel point, graduated, autoclavable		1,000 / bag	1,000 tips	3070.0200B
		Natural	200 µL universal tips, bevel point, graduated, autoclavable		10x96 / rack	960 tips	3070.0200R
		Natural	200 µL <i>tipfill</i> ™ system incl. universal tips, bevel point, graduated		10x96 / case	960 tips	3070.0200T
	82.5	Natural	200 µL capillary tips for gel loading, autoclavable		6x96 / rack	576 tips	3080.0200GR
				Empty rack for 10 / 200 µL tips to be used with <i>tipfill</i> ™ system, autoclavable		10 / case	10 racks


200 µL Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	51.2	Natural	200 µL universal tips, bevel point	✓	10x96 / rack	960 tips	3070.0200FRS


200 µL Low Protein Binding Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	49.6	Natural	200 µL universal tips, low binding, graduated, autoclavable		10x96 / rack	960 tips	3070.0200PR
		Natural	200 µL universal tips, low binding, graduated, autoclavable	✓	10x96 / rack	960 tips	3070.0200PRS




300 $\mu$ L Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	58.8	Natural	300 $\mu$ L tips	✓	10x96 / rack	960 tips	308.0300FR

350 $\mu$ L Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	58.8	Natural	350 $\mu$ L tips, autoclavable		1,000 / bag	1,000 tips	308.0350B
		Natural	350 $\mu$ L tips, autoclavable		10x96 / rack	960 tips	308.0350R

1000 $\mu$ L Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	88.9	Natural	1000 $\mu$ L universal tips, fine pointed, autoclavable		1000 / bag	1,000 tips	3070.1000B
		Natural	1000 $\mu$ L universal tips, fine pointed, autoclavable		6x96 / rack	576 tips	3070.1000R
		Natural	1000 $\mu$ L <i>tipfill</i> <sup>™</sup> system incl. universal tips, fine pointed		5x96 / rack	480 tips	3070.1000T
				Empty rack for 1000 $\mu$ L tips to be used with <i>tipfill</i> <sup>™</sup> system, autoclavable		6 / case	6 racks

1000 $\mu$ L Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	88.9	Natural	1000 $\mu$ L universal tips, fine pointed	✓	6x96 / rack	576 tips	3070.1000FRS















1000 $\mu$ L Low Protein Binding Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	88.9	Natural	1000 $\mu$ L universal tips, low binding, fine pointed, autoclavable		6x96 / rack	576 tips	3070.1000PR
		Natural	1000 $\mu$ L ultra-microtips, fine pointed, autoclavable	✓	6x96 / rack	576 tips	3070.1000PRS

2, 5, 10 mL Macrotips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Case	Quantity	
	115.5	Natural	2 mL macrotips, autoclavable		1x250 / bag	250 tips	851355
	123.2	Natural	5 mL macrotips, graduated, autoclavable		2x250 / bag	500 tips	W851362
		Natural	5 mL macrotips, graduated, autoclavable		2x50 / rack	100 tips	W851363
	150.0	Natural	10 mL macrotips, autoclavable		1x100 / bag	100 tips	851358
		Natural	Empty rack for 24x 10 mL macrotips, autoclavable		4 / case	4 racks	W835150

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

### Socorex® compatibility chart









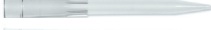






Chart indicates optimal combination of Qualitix® and Socorex® pipettes.









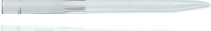
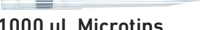

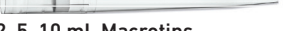



		Acura® manual and Acura® electro												Calibra® digital																					
		815					825 / 826 / 926					835 / 936		855 / 956		822		832		852															
		Up to 10 µL	10 y / 15 / 20 µL	25 to 100 µL	120 to 200 µL	250 to 1000 µL	0.1 - 2 µL	0.5 - 10 µL	1 - 10 µL (Y)	2 - 20 µL	5 - 50 µL	10 - 100 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>		Tip ref. 3090	•				•	•										•																	
		Tip ref. 302	• <sup>2</sup>					• <sup>2</sup>																											
		Tip ref. 3090	•				•	•											•																
<b>20 - 100 µL Microtips</b>		Tip ref. 3080		•					•	•	• <sup>1</sup>								•	•															
		Tip ref. 3080			•					•	•	• <sup>1</sup>							•	•															
<b>200 µL Microtips</b>		Tip ref. 3070	•	•	•				•	•	•	•	•						•	•	•														
		Tip ref. 3080				•			•	•	•	•	•																						
		Tip ref. 3070		•	•								•									•													
<b>300 - 350 µL Microtips</b>		Tip ref. 308				•						•	•													•		•							
		Tip ref. 308				•							•															• <sup>1</sup>							
<b>1000 µL Microtips</b>		Tip ref. 3070				•							•																						
		Tip ref. 3070				•							•																						
<b>2, 5, 10 mL Macrotips</b>		Tip ref. 851355													•													•							
		Tip ref. W851362																																	
		Tip ref. W851363																																	
	Tip ref. 851358																																		
	Tip ref. W835150																																		

<sup>1</sup> Up to max. tip volume

### Other brands compatibility chart

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

		Brand Such as models: Transferpette S, Electro					Eppendorf Such as models: Research Plus / Pro					Gilson 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	●					●					●				
	302	●					●					●				
	3090	●					●					●				
<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	●					●					●				
	3080	●					●					●				
	3070	●					●					●				
<b>300 - 350 µL Microtips</b>	<b>Tip ref.</b>															
	308			●									●			
	308			●									●			
<b>1000 µL Microtips</b>	<b>Tip ref.</b>															
	3070				●					●					●	
	3070				●					●					●	
<b>2, 5, 10 mL Macrotips</b>	<b>Tip ref.</b>															
	851355										●					
	W851362 W851363														●	
	851358 W835150															

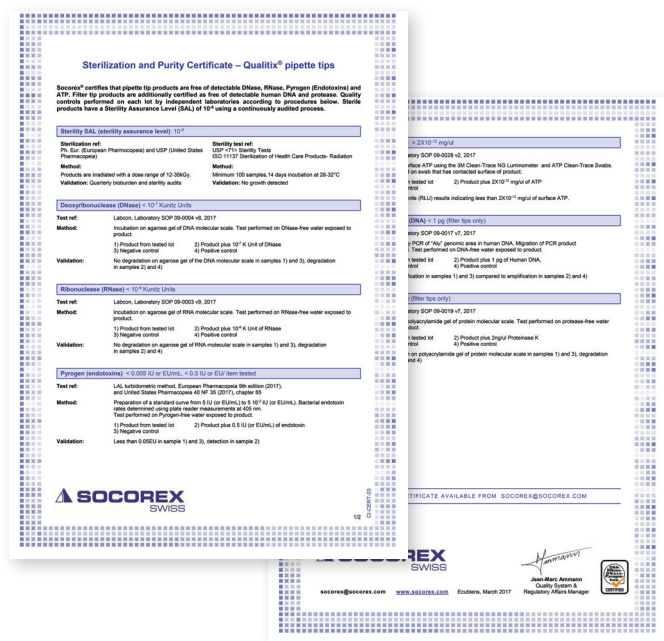
		Rainin Such as models: Pipetlite SL, EDP3 Plus					Sartorius Such as models: Proline Plus, Tacta, Picus					Thermo Such as models: Digital, F1, F2, F3, Novus					HTL, Labnet, Corning Such as models: Discovery, BioPetite						
		2, 10 µL	20, 100, 200 µL	300 µL	1000 µL	5, 10 mL	2, 10 µL	20, 50, 100, 200 µL	250, 300, 350 µL	1000 (1200) µL	2, 5, 10 mL	2, 10 µL	20, 30, 50, 100, 200 µL	300 µL	1000 µL	2, 5, 10 mL	2, 10 µL	20, 50, 100, 200 µL	300 µL	1000 µL	5, 10 mL		
<b>10 µL Microtips</b>	<b>Tip ref.</b>																						
	3090	●					●				●					●							
	302															●							
	3020	●					●				●					●							
<b>20 - 100 µL Microtips</b>	<b>Tip ref.</b>																						
	3080	● <sup>1</sup>						● <sup>1</sup>				● <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	●					●				●					●							
	3080	●					●				●					●							
	3070	●					●									●							
<b>300 - 350 µL Microtips</b>	<b>Tip ref.</b>																						
	308				●		●	●				●											
	308				●							●											
<b>1000 µL Microtips</b>	<b>Tip ref.</b>																						
	3070				●				●					●					●				
	3070				●				●					●					●				
<b>2, 5, 10 mL Macrotips</b>	<b>Tip ref.</b>																						
	851355																						
	W851362 W851363																			●			
	851358 W835150														●								

<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 DWK Life Sciences.



View certificate

## 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

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### ► 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.



### ► 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).



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Products and specifications are subject to change without prior notice.



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