

temizoda
marketi.COM

SWABS



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Who We Are?

Our Aim

Who We Are?

Temizoda Marketi started its business life in 1995 with İNŞEL Yapı ve Teknik Donatım Sistemleri Ltd. Sti. Specializing in cleanroom consultancy, design, implementation, documentation, and training, İNŞEL aims to meet the needs of personnel working in cleanrooms, sterile areas and critically controlled areas when it aims to provide turnkey services in the projects it implements.

İNŞEL, which has started to supply consumables in Cleanrooms, sterile areas and critically controlled areas through its representatives since 2004, has separated this department from its body in time in order not to cause confusion for our valued customers and to provide better service led to creation of Temizoda Marketi Laboratuvar Ürünleri A.Ş.

Today, as Temizoda Marketi, we are always with you, our valued customers, from product selection to training with our professional and experienced staff, while following the technology closely to provide you with the best service in the most accurate way.

Our Aim

As Temizoda Marketi, we know our valued customers from the very beginning, from the installation of your hygienic area and Cleanrooms, and we know your needs. We are aware of how important it is to use the right material in the right place, and we are always at your side to supply you with the best quality and right products with the most appropriate solutions. We supply the highest technology products for you, and we are with you wherever you need, from training to after-sales user Support.

We know that choosing the right product is never the cheapest or the most expensive, and at this point, we help you with the most optimum benefit options...

Why Temizoda Marketi?

We know you; we know your needs and we are here to help you in the best way

As Temizoda Marketi, we try to get to know you first and learn about your business, processes, and needs and offer you the most suitable solutions.

As Temizoda Marketi, we are always happy and proud to assist you with our trained and experienced staff.

We are working to give you the best and highest quality service with our experienced staff dedicated to each department.



As Temizoda Marketi, we are always happy and proud to assist you with our trained and experienced staff.

We are working to give you the best and highest quality service with our experienced staff dedicated to each department.

Choosing the right product is one of the most important issues in cleanrooms and critically controlled areas.

As Temizoda Marketi, we choose the most accurate and best quality products for your business in line with your demands and goals and recommend them by making them economical.

The materials used in critically controlled areas are as special and important as the areas you work in.

We know that the most suitable product for you is not always the most expensive or the cheapest, but it should be the best quality. In order to offer you the optimum solution, as Temizoda Marketi, we offer you the products you need by diversifying them with alternatives from different brands.

As Temizoda Marketi, we know the importance of the documentation of all materials you use in critically controlled areas, and we provide all documents, certificates, analysis reports, and all necessary documentation for you, that are necessary, during the installation phase, application and validation.

Temizoda Marketi does not only approach you as a product supplier. At the same time, it stands behind the products it sells and does not hesitate to take all necessary actions to eliminate it when you have any problems.

It does not sell products without the full support of the companies it represents. When there is a problem about the products, Temizoda Marketi approaches the issue as if using it himself and ensures that it is resolved as soon as possible. Thus, you will get maximum efficiency from the product you have bought.

As Temizoda Marketi, we would like to help you with all the products you need with our wide product range. Even if the product you need does not appear in our catalog, we try to find the product you are looking for with our partners abroad. Thus, we provide you with one-stop service as sole responsibility.

Temizoda Marketi does not only supply you with products, but also provides training, which is one of the greatest necessities of our time. No matter how accurate the product is in critically controlled areas, incorrect or unconscious use can cause unwanted problems. Upon request, it provides the necessary training for the products you have purchased, either by itself or by the manufacturer.

Our Representatives

We are working with well-established companies that have proven their quality all over the world in auxiliary products used in clean rooms, sterile areas, laboratories and other critically controlled areas, to provide you with the best and right product.



GERMANY

- Cleanroom Consumables (Wipes, Gloves, Swabs, Mats,...)



IAB Reinraum-Produkte GmbH
www.iab-reinraumprodukte.de



Protect2Clean
www.protect2clean.com



AI Glove Systems
www.alglovesystems.de



Pfennig Reinigungstechnik GmbH
www.pfennig-reinigungstechnik.com



ABEBA Spezialschuh-Ausstatter GmbH
www.abeba.com



Bimos – Interstuhl Büromöbel GmbH
www.bimos.com



UK

- Cleanroom Wipes with highest quality possible
- Cleanroom consumables, disinfectants and Alcohols
- Clean & Sterile Ppe For Life Science
- Cleanroom Disinfectants



Berkshire Corporation
www.berkshire.com



MicronClean Ltd
www.micronclean.com



Isofield
www.isofield.com



Redditch Medical
www.redditchmedical.com



ITALY

- Cleanroom Goggles
- Cleanroom Filters



Univet
www.univetsafety.com



Ipmlfilters
www.ipmlfilters.com



CANADA

- Cleanroom Sticky Mats, Papers, Shoes and Glove Liners



Purus International Inc.
www.purusint.com



MALAYSIA

- Cleanest Cleanroom Gloves



Riverstone Resources
www.riverstone.com.my



BELGIUM

- Cleanroom Garments



Alsico High Tech
www.alsicohightech.com



POLAND

- Cleanroom Mats



Noopli
www.noopli.com



ABD

- Cleanroom Indicators



True Indicating Products
www.trueindicating.com

- Cleanroom Tapes, Labels



Cleanroomtape
www.cleanroomtape.com

Our Representatives

bimos

UNIVET
OPTICAL TECHNOLOGIES

ISO field
Protecting Life Sciences

alsico
hightech

micronclean
QUALITY TODAY. INNOVATION TOMORROW.

PURUS

Berkshire
ENGINEERED GLASS

PROTECT
2CLEAN

IAB
Reinraum-Produkte GmbH

AL Glove
Systems

PFENNIG
REINIGUNGSTECHNIK

ABEBA®

noopli

TRUE INDICATING
PRODUCTS

Redditch
Medical
Innovative thinking

UltraTape®
Adhesive Tape & Labels for Critical Environments

IIPM

➤ Cleanroom Garments

- Coveralls (Reusable/Disposable & Sterile/Non-Sterile)
- Coats (Reusable/Disposable & Sterile/Non-Sterile)
- Bonnets (Reusable/Disposable & Sterile/Non-Sterile)
- Hats (Reusable)
- Hoods (Reusable/Disposable & Sterile/Non-Sterile)
- Overshoes (Reusable/Disposable & Sterile/Non-Sterile)
- Over Boots (Reusable/Disposable & Sterile/Non-Sterile)
- Socks (Reusable/Disposable & Sterile/Non-Sterile)
- Masks (Reusable/Disposable & Sterile/Non-Sterile)
- Shoes

➤ Cleanroom Gloves

- Sterile Gloves (Latex & Nitrile)
- Non-Sterile Gloves (Latex, Nitrile, Polyethylene, Vinyl)
- Finger Gloves (Latex & Nitrile)
- Knitted Gloves

➤ Cleanroom Wipes

- Sterile Wipes
- Dry Wipes
- Pre-Saturated Wipes
- Sponge Wipes

➤ Swabs

➤ Cleanroom Mats / Floorings

- Sticky Mats
- Permanent Mats

➤ Cleanroom Stationary

- Notebooks (Rule, Grid, A4, A5)
- Papers (A3, A4, A5)
- Pens (Sterile & Non-Sterile, IPA Resist.)
- DCR Pads
- Tapes
- Rolls

➤ Cleanroom Cleaning Equipment

- Mops (Single use / Re-Usable)
- Mop Systems
- Mop Heads
- Vacuum Cleaners
- Isolators

➤ Cleanroom Disinfection Systems

- Disinfection Systems (Wet - Dry)
- Disinfectants
- Disinfection Service
- Alcohols

➤ Cleanroom Goggles

➤ Cleanroom Filters

- HVAC Filters
- Hepa Filters
- Water System Filters (RO System)
- 100% Endotoxin Removal Filters
- Cross Flow Filters

➤ Cleanroom Furniture

- Work Benches
- Racks
- Chairs
- Transport Trolleys

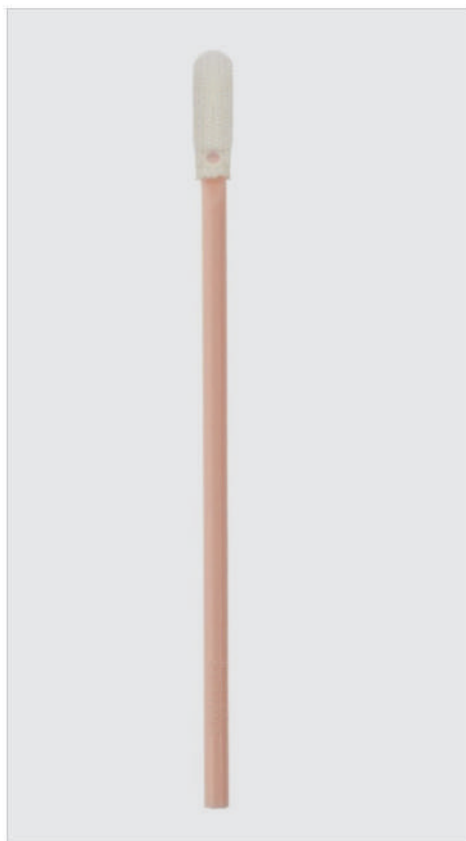
➤ Cleanroom Cabinets

- LF Units
- Bio-Safety Cabinets

➤ Air Shower

➤ Isolators

➤ Biological Indicators



Lab-Tips® ESD Swab-LTP70FESD

Small Knitted Polyester ESD Swab with Flexible Tip

Cleanroom laundered double layer 100% polyester knit swab

Key Attributes

- Cleanroom laundered 100% continuous filament polyester knit head
- Short polypropylene handle with a flexible paddle head
- Thermally bonded head
- Laundered and packaged in Class 10 (ISO Class 4) cleanroom
- Static dissipative polypropylene handle with thermally bonded head

Benefits

- Critically low particles, fibers, ions and extractables
- High abrasion resistance
- Chemically compatible with IPA, acetone and other solvents
- Soft and non abrasive with no contaminating adhesives
- Good sorbency
- Autoclavable
- Free from Silicone, amides and DOP
- Packaged in an anti-static bag

Environmental

- Complies with RoHS

Applications

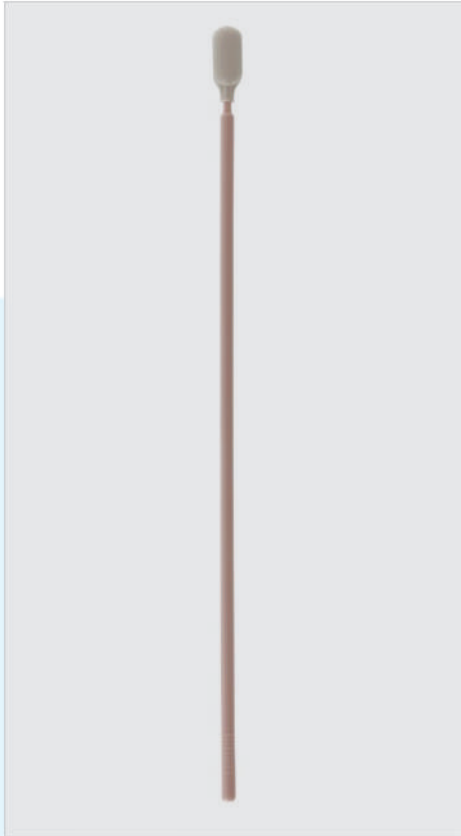
- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials
- Cleaning with solvents
- Static-sensitive applications

TECHNICAL DATA

ATTRIBUTE		LTP70FESD20	TEST METHOD
Surface Resistance of Handle	ohms	1.0 x 10 ⁹	ANSI/ESD STM 11.13
Volume Resistance of Handle	ohms	1.0 x 10 ⁸	ANSI/ESD STM 11.13
Non-Volatile Residue	IPA mg/swab	0.010	IEST-RP-CC004-3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.058	IEST-RP-CC004-3, Sec 7.2.2
	Sulfate	0.16	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0015	
	Calcium	0.020	
	Sodium	0.0048	
	Magnesium	0.0046	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Small ESD Polyester w/ Flexible Tip	LTP70FESD20	70mm	100	20	235 x 105 x 85mm

**Lab-Tips® ESD Swab-LTP1465ESD**

ESD Knitted Polyester Swab with Long Handle
Cleanroom laundered double layer 100% polyester knit swab

Key Attributes

- Cleanroom laundered 100% continuous filament polyester knit head
- Long polypropylene handle with a flexible paddle head
- Laundered and packaged in ISO Class 4 [Class 10] cleanroom
- Static dissipative polypropylene handle with thermally bonded head

Benefits

- Critically low particles, fibers, ions and extractables
- High abrasion resistance for rigorous cleaning applications
- Excellent chemical resistance
- No contaminating adhesives
- Good sorbency
- Free from Silicone, amides and DOP
- Packaged in an anti-static bag

Environmental

- Complies with RoHS and REACH requirements

Applications

- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Surface sampling
- Cleaning validation
- Static sensitive applications
- Cleaning with solvents

TECHNICAL DATA

ATTRIBUTE		LTP70FESD20	TEST METHOD
Surface Resistance of Handle	ohms	1.0 x 10 ⁹	ANSI/ESD STM 11.13
Volume Resistance of Handle	ohms	1.0 x 10 ⁸	ANSI/ESD STM 11.13
Non-Volatile Residue	IPA mg/swab	0.045	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.035	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.023	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.044	
	Calcium	0.036	
	Sodium	0.015	
	Magnesium	0.0052	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Long Handle ESD Polyester Swab	LTP1465ESD10	162mm	100	10	180 x 150 x 170mm



Lab-Tips® ESD Swab-LT070RESW

Small Open Cell Foam ESD Swab with Rigid Tip
Cleanroom laundered 100 ppi reticulated foam sock head swab

Key Attributes

- Cleanroom laundered polyurethane foam over rigid core
- 100 ppi open cell reticulated foam
- Laundered and packaged in ISO Class 4 [Class 10] cleanroom
- Static dissipative polypropylene handle with thermally bonded head

Benefits

- Low particles, fibers, ions and extractables
- Good chemical resistance
- Soft and non-abrasive with no contaminating adhesives
- Good sorbency and excellent solvent hold
- Free from Silicone, amides and DOP
- Packaged in an anti-static bag

Environmental

- Complies with RoHS and REACH requirements

Applications

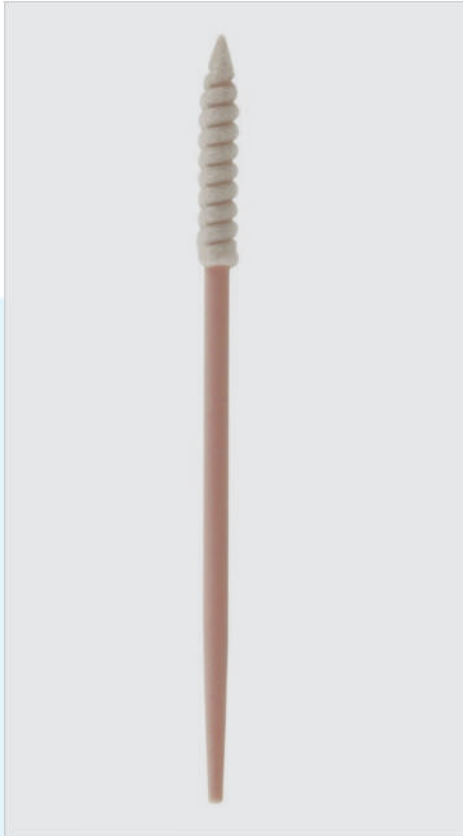
- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials
- Static-sensitive applications

TECHNICAL DATA

ATTRIBUTE		LT070RESW	TEST METHOD
Surface Resistance of Handle	ohms	1.0 x 10 ⁹	ANSI/ESD STM 11.13
Volume Resistance of Handle	ohms	1.0 x 10 ⁸	ANSI/ESD STM 11.13
Non-Volatile Residue	IPA mg/swab	0.035	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.044	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.022	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0038	
	Calcium	0.024	
	Sodium	0.081	
	Magnesium	0.0043	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Small ESD Foam w/ Rigid Tip	LT070RESW20	70mm	100	20	235 x 105 x 85mm

**Lab-Tips® ESD Swab-LT070PESD**

Small ESD Swab with Pointed Tip

Cleanroom laundered 100 ppi open cell foam sock swab

Key Attributes

- Cleanroom laundered polyurethane foam over rigid tip
- 100 ppi open cell foam
- Static dissipative polypropylene handle with thermally bonded head
- Laundered and packaged in ISO Class 4 [Class 10] cleanroom

Benefits

- Low particles, fibers, ions and extractables
- Good chemical resistance
- Soft and non-abrasive with no contaminating adhesives
- Free from Silicone, amides and DOP
- Ridged surface for improved cleaning ability
- Packaged in an anti-static bag.

Environmental

- Complies with RoHS and REACH requirements

Applications

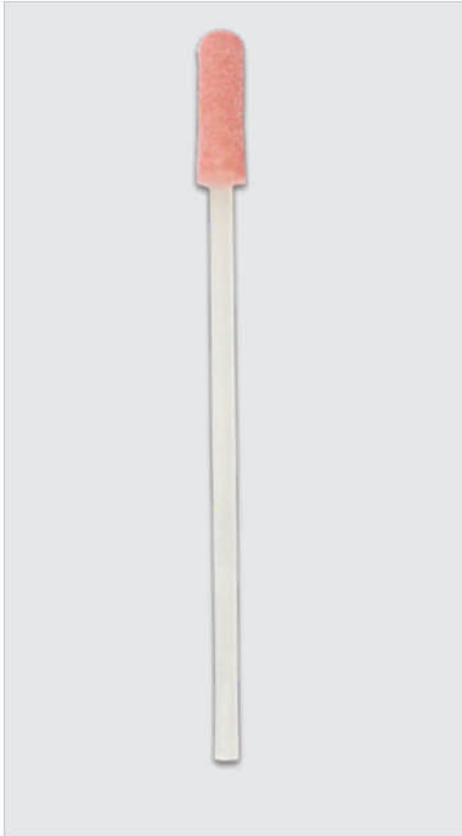
- Designed for the highest level of contamination control in critical processing applications
- Applying lubricants, adhesives or other liquids
- Removing excess materials
- Static-sensitive applications

TECHNICAL DATA

ATTRIBUTE		LT070PESD	TEST METHOD
Surface Resistance of Handle	ohms	1.0 x 10 ⁹	ANSI/ESD STM 11.13
Volume Resistance of Handle	ohms	1.0 x 10 ⁸	ANSI/ESD STM 11.13
Non-Volatile Residue	IPA mg/swab	0.054	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.014	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.026	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0053	
	Calcium	0.029	
	Sodium	0.0039	
	Magnesium	0.0021	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Small ESD Foam w/ Pointed Tip	LT070PESD20	70mm	100	10	180 x 150 x 170mm



Swab 1273-PF ESD

ESD cleaning stick/swab with a flat, semi-circular polyurethane head.

Key Attributes

- Cleanroom laundered polyurethane foam over rigid tip
- 100 ppi open cell foam
- Static dissipative polypropylene handle with thermally bonded head
- Laundered and packaged in ISO Class 4 [Class 10] cleanroom

Benefits

- Low particles, fibers, ions and extractables
- Good chemical resistance
- Soft and non-abrasive with no contaminating adhesives
- Free from Silicone, amides and DOP
- Ridged surface for improved cleaning ability
- Packaged in an anti-static bag.

Environmental

- Complies with RoHS and REACH requirements

Applications

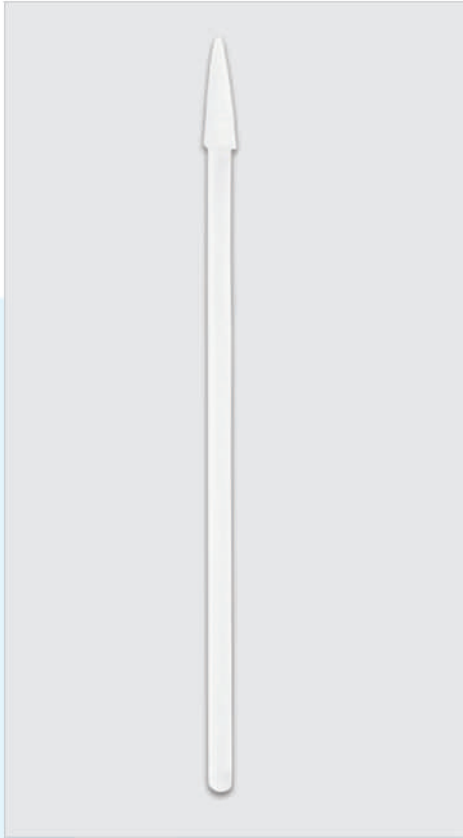
- Designed for the highest level of contamination control in critical processing applications
- Applying lubricants, adhesives or other liquids
- Removing excess materials
- Static-sensitive applications

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Simply Small paddle shape, Ø 4.0 x 14.2 mm	Ø 2.3 x 67.5 mm
Material	Statically dissipative foam	Stat-Rite® statically dissipative polypropylene, solid

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab 1273-PF ESD	360051	68,0mm	50	20



PU-Swab PU3924 ESD

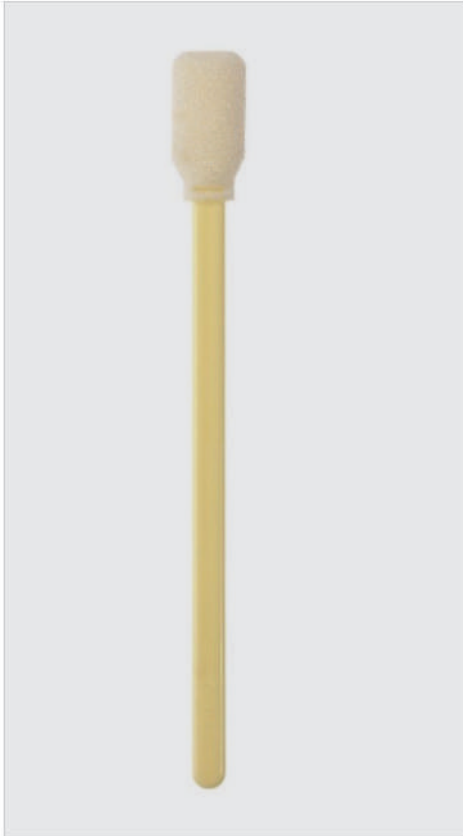
- The antistatic cleanroom swab is made of compressed, open-pored 100 ppi (Z) polyurethane foam, which is free of organic impurities.
- The foam is thermally bonded to the handle, which avoids the use of contaminating adhesives or coatings.
- The foam, washed and packaged in an ISO Class 5 cleanroom has a low particle and ion content.
- It has excellent compatibility with most common solvents, including acetone, as well as excellent Absorbency and solvent absorption capacity.
- The foam head is compressive and has good strength.
- The pointed, non-abrasive foam head is designed for cleaning small, slotted areas.
- The swab handle is ESD-safe and made of polypropylene

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Simply pointed Ø 3.2 x 3.2 x 10 mm	Ø 2.5 x 66.0 mm
Material	100 ppi (Z) Polyurethane foam (compressed)	Polypropylen

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
PU-Swab PU3924 ESD	360924	76,0 mm	500	50



Lab-Tips® - LTC125

Large Closed Cell Foam Swab
100 ppi closed cell foam sock head swab

Key Attributes

- Polyurethane foam over rigid paddle
- Closed cell structure
- Thermally bonded head
- Laundered and packaged in Class 10 [ISO Class 4] cleanroom

Benefits

- Low particles and fibers
- Good chemical resistance
- Excellent strength
- No contaminating adhesives
- Free from Silicone, amides and DOP

Environmental

- Complies with RoHS and REACH requirements

Applications

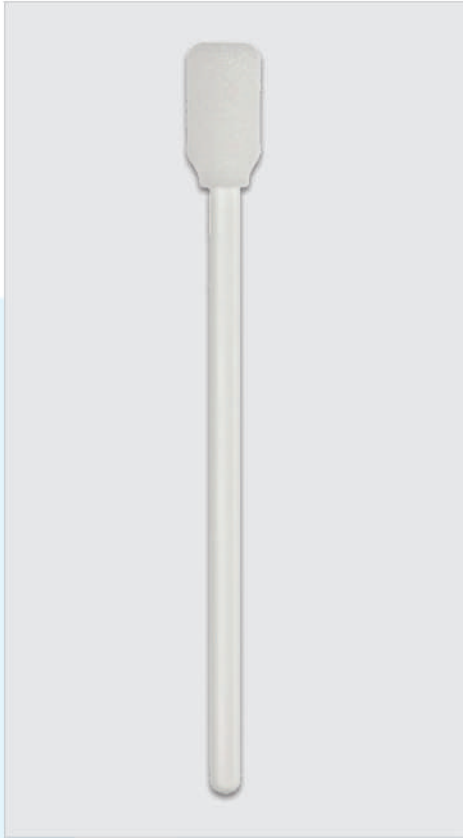
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials
- Scrubbing applications

TECHNICAL DATA

ATTRIBUTE		LTC125	TEST METHOD
Non-Volatile Residue	IPA mg/swab	1.4	IENT-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.028	IENT-RP.CC004.3, Sec 7.2.2
	Sulfate	0.023	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.014	
	Calcium	0.11	
	Sodium	0.0060	
	Magnesium	ND*	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Large Closed Cell Foam	LTC125.5	125mm	100	5	220 x 160 x 105mm

**Lab-Tips®- LT000125**

Large Open Cell Foam Swab with Rigid Tip

Key Attributes

- Polyurethane foam over rigid core
- Compressed, 100 ppi Polyurethane foam
- Thermally bonded head
- Laundered and packaged in Class 10 [ISO Class 4] cleanroom

Benefits

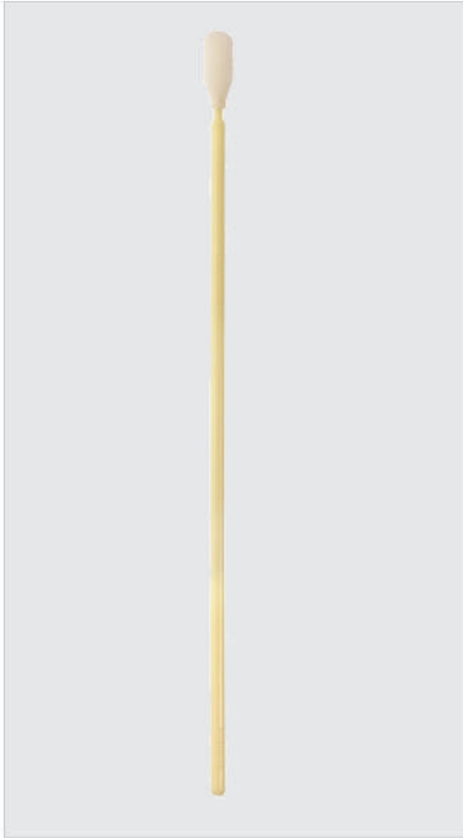
- Low particles, fibers, ions and extractables
- Good chemical resistance
- Soft and non-abrasive with no contaminating adhesives
- Good sorbency

Applications

- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Small Foam w/ Rigid Tip	LT000125.10	127mm	100	10	330 x 330 x 152mm



Lab-Tips®- LT01465

Long Handle Open Cell Foam Swab

Cleanroom laundered 100 ppi reticulated foam sock head swab

Key Attributes

- Cleanroom laundered polyurethane foam over flexible paddle head
- 100 ppi open cell foam
- Thermally bonded head
- Laundered and packaged in Class 10 [ISO Class 4] cleanroom

Benefits

- Low particles, fibers, ions and extractables
- Good chemical resistance
- No contaminating adhesives
- Good sorbency and excellent solvent hold
- Free from Silicone, Amides and DOP

Environmental

- Complies with RoHS and REACH requirements

Applications

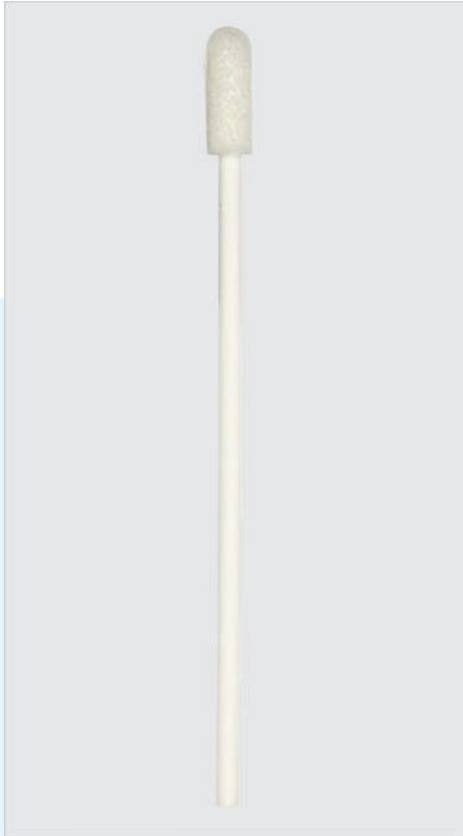
- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials

TECHNICAL DATA

ATTRIBUTE		LT01465	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.094	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.023	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.024	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0033	
	Calcium	0.022	
	Sodium	0.050	
	Magnesium	0.0019	

ORDER INFORMATION

PRODUCT	ITEM NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Long Handle Foam	LT01465.10	162mm	100	10	180 x 150 x 170mm

**Lab-Tips®- LTA03163**

Small Open Cell Foam Swab with Rigid Tip

Key Attributes

- Compressed, 100 ppi Polyurethane foam
- Thermally bonded head
- Polyurethane foam over rigid core
- Laundered and packaged in Class 10 [ISO Class 4] cleanroom

Benefits

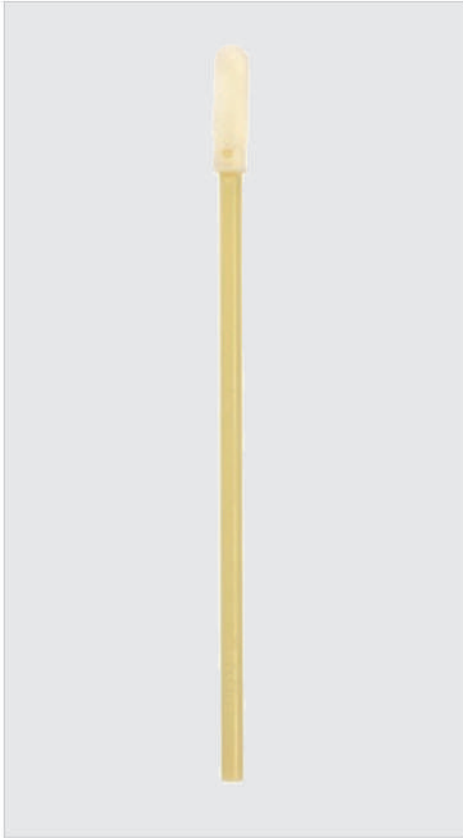
- Low particles, fibers, ions and extractables
- Good chemical resistance
- Soft and non-abrasive with no contaminating adhesives
- Good sorbency

Applications

- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Small Foam w/ Rigid Tip	LTA03163.10	76mm	100	10	330 x 330 x 152mm



Lab-Tips®- LTLab-Tips®- LT070F

Small Open Cell Foam Swab with Flexible Tip

Cleanroom laundered 100 ppi reticulated foam sock head swab

Key Attributes

- Cleanroom laundered polyurethane foam over rigid core
- Compressed, 100 ppi open cell reticulated foam
- Thermally bonded head
- Laundered and packaged in Class 10 [ISO Class 4] cleanroom

Benefits

- Low particles, fibers, ions and extractables
- Good chemical resistance
- Soft and non-abrasive with no contaminating adhesives
- Good sorbency
- Free from Silicone, Amides and DOP

Environmental

- Complies with RoHS and REACH requirements

Applications

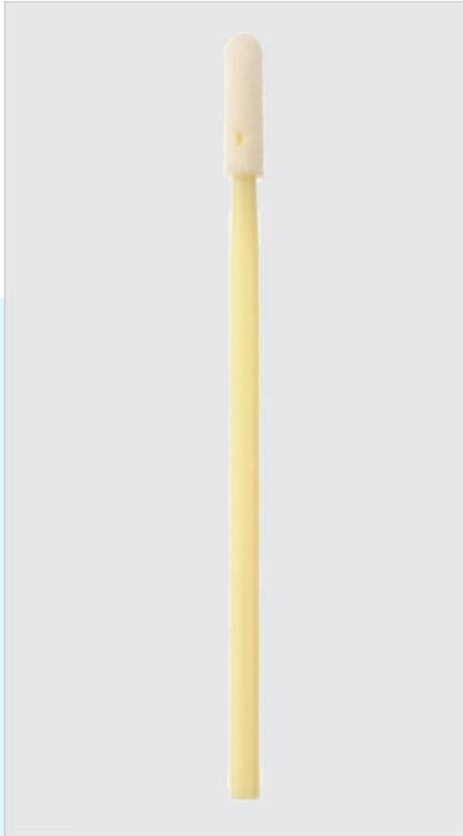
- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials

TECHNICAL DATA

ATTRIBUTE		LT070F	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.032	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	ND*	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.0075	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0055	
	Calcium	0.061	
	Sodium	0.0089	
	Magnesium	ND*	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Small Foam w/ Flexible Tip	LT070F.20	70mm	100	20	235 x 105 x 85mm

**Lab-Tips®- LT070R**

Small Open Cell Foam Swab with Rigid Tip

Cleanroom laundered 100 ppi reticulated foam sock head swab

Key Attributes

- Cleanroom laundered polyurethane foam over rigid core
- 100 ppi open cell reticulated foam
- Thermally bonded head
- Laundered and packaged in Class 10 {ISO Class 4} cleanroom

Benefits

- Low particles, fibers, ions and extractables
- Good chemical resistance
- Soft and non-abrasive with no contaminating adhesives
- Good sorbency and excellent solvent hold
- Free from Silicone, amides and DOP

Environmental

- Complies with RoHS 2002/05 and REACH requirements

Applications

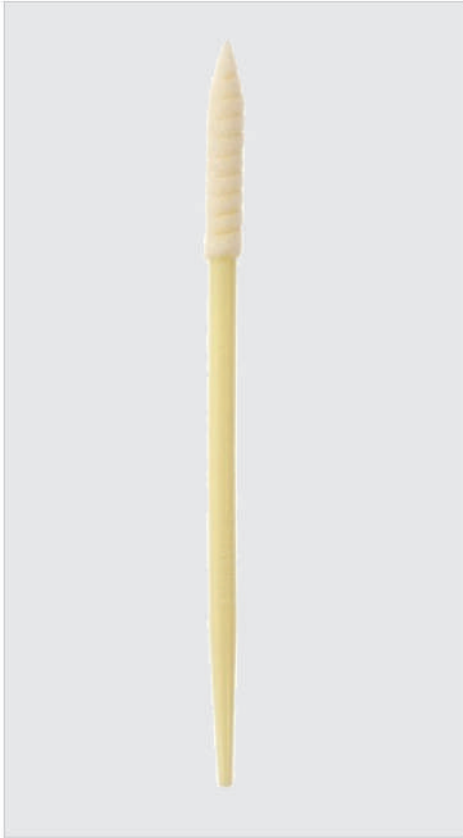
- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials

TECHNICAL DATA

ATTRIBUTE		LT070R	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.035	IENT-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.044	IENT-RP.CC004.3, Sec 7.2.2
	Sulfate	0.022	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0038	
	Calcium	0.024	
	Sodium	0.081	
	Magnesium	0.0043	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Small Foam w/ Rigid Tip	LT070R.20	70mm	100	20	235 x 105 x 85mm



Lab-Tips® -LT070P

Small Open Cell Foam Swab with Pointed Tip
Cleanroom laundered 100 ppi reticulated foam sock swab

Key Attributes

- Cleanroom laundered polyurethane foam over rigid tip
- 100 ppi open cell foam
- Polypropylene handle with thermally bonded head
- Laundered and packaged in Class 10 [ISO Class 4] cleanroom

Benefits

- Low particles, fibers, ions and extractables
- Good chemical resistance
- Soft and non-abrasive with no contaminating adhesives
- Free from Silicone, amides and DOP
- Ridged surface for improved cleaning ability

Environmental

- Complies with RoHS and REACH requirements

Applications

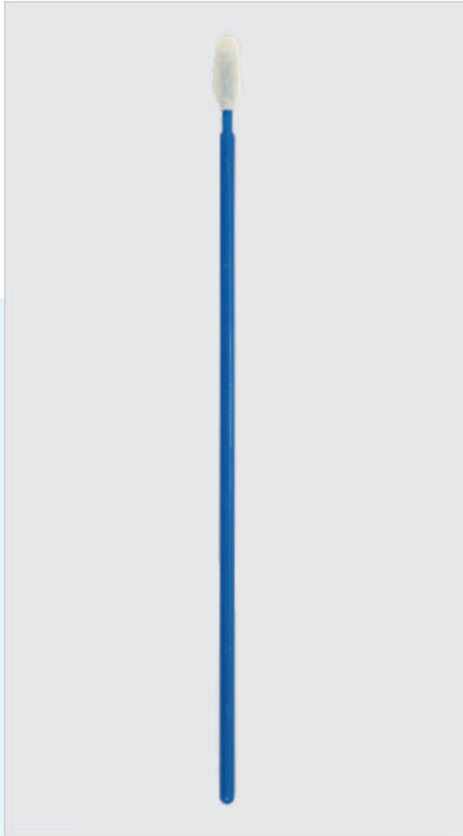
- Designed for the highest level of contamination control in critical processing applications
- Applying lubricants, adhesives or other liquids
- Removing excess materials

TECHNICAL DATA

ATTRIBUTE		LT070P	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.054	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.014	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.026	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0053	
	Calcium	0.029	
	Sodium	0.0039	
	Magnesium	0.0021	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Small Foam w/ Pointed Tip	LT070P.20	70mm	100	20	235 x 105 x 85mm

**Swab 1876-PFB**

This swab with foam tip is made with a net-shaped 100ppi foam in medical quality. It is firmly bonded to a blue polypropylene shaft with thermoplastic adhesive.

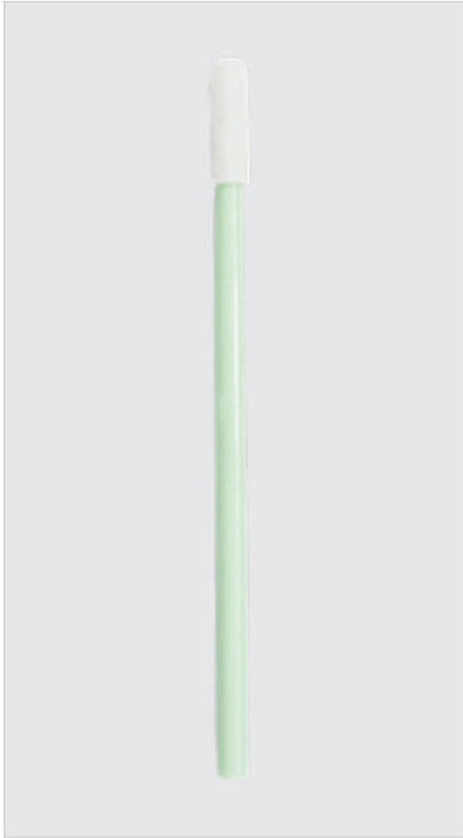
- Lint-free and residue-free
- Soft, non-abrasive tip
- Can be used with IPA and DI water or dry
- Flexible Paddelspitze
- ISO 9001:2008 compatible
- FDA GMP-kompatibel
- Application of adhesives or other solutions
- Removal of dirt, impurities, fluxes or resins
- General cleaning

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Single spatula shaped 4,8 x 15,1 mm	Ø 3.1 x 150.4 mm
Material	Soft Foam tip	Polypropylene

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab 1876-PFB	360009	152.4 mm	50	20



Compressed Mini Foam Swab PU3922 PU/PP

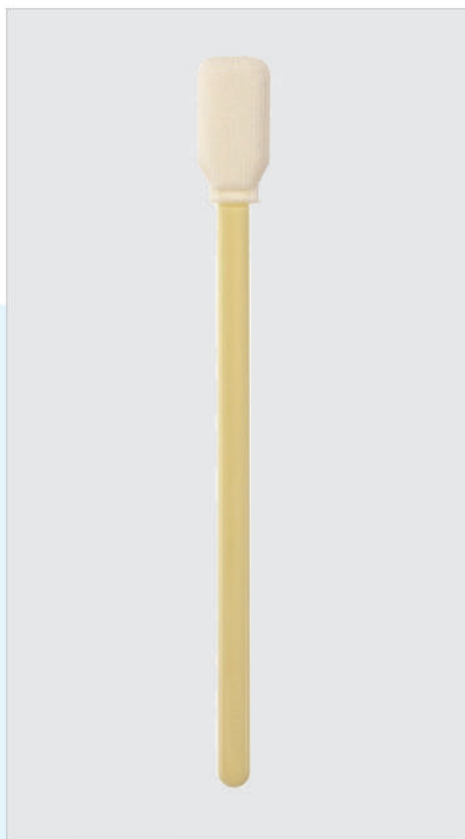
- Made of compressed, 100 ppi open-cell polyurethane foam that is free of organic contaminants such as silicone, amides or phthalate esters.
- The foam is thermally bonded to the handle, eliminating the need for contaminating adhesives or coatings.
- The foam has a low particle and ion content.
- It has excellent compatibility with most common solvents, including acetone, as well as excellent absorbency and solvent resistance.
- The foam head is compressed and has good strength.
- A compact, rigid handle and a round, internal head core ensure a secure hold.
- The handle is compact and does not contribute to particulate or organic impurities

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Simply rounded 3.6 x 3.5 x 12 mm	Ø 3.0 x 56.0 mm
Material	100 ppi open-cell polyurethane foam	Polypropylen

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Compressed Mini Foam Swab PU3922 PU/PP	360922	68,0 mm	500	50

**Lab-Tips® - LTP125**

Large Knitted Polyester Swab

Cleanroom laundered double layer 100% polyester knit swab

Key Attributes

- Cleanroom laundered 100% continuous filament polyester knit head
- Long polypropylene handle with a rigid paddle head
- Thermally bonded head
- Laundered and packaged in Class 10 {ISO Class 4} cleanroom

Benefits

- Critically low particles, fibers, ions and extractables
- High abrasion resistance while soft and non-abrasive
- Excellent chemical resistance
- No contaminating adhesives and good sorbency
- Autoclavable
- Free from Silicone, Amides and DOP

Environmental

- Complies with RoHS and REACH requirements

Applications

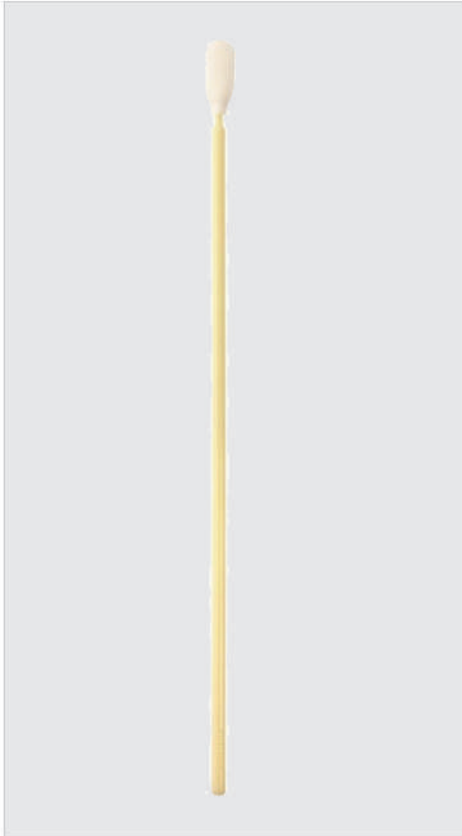
- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment such as print heads
- Sampling surfaces for cleaning validation
- Applying lubricants and other liquids
- Removing excess materials
- Cleaning with solvents

TECHNICAL DATA

ATTRIBUTE		LTP125	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.075	IENT-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.11	IENT-RP.CC004.3, Sec 7.2.2
	Sulfate	0.061	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.010	
	Calcium	0.082	
	Sodium	0.032	
	Magnesium	0.011	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Large Knitted Polyester	LTP125.5	125mm	100	5	220 x 160 X 105mm



Lab-Tips® - LTP1465

Long Handle Knitted Polyester Swab

Cleanroom laundered double layer 100% polyester knit swab

Key Attributes

- Cleanroom laundered 100% continuous filament polyester knit head
- Long polypropylene handle with a flexible paddle head
- Thermally bonded head
- Laundered and packaged in Class 10 [ISO Class 4] cleanroom

Benefits

- Critically low particles, fibers, ions and extractables
- High abrasion resistance for rigorous cleaning applications
- Excellent chemical resistance
- No contaminating adhesives
- Good sorbency
- Autoclavable
- Free from Silicone, amides and DOP

Environmental

- Complies with RoHS and REACH requirements

Applications

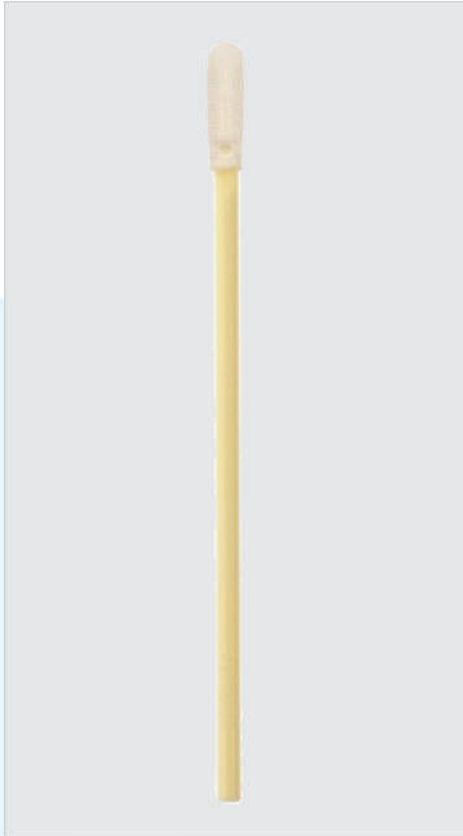
- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Surface sampling
- Cleaning validation
- Cleaning with solvents

TECHNICAL DATA

ATTRIBUTE		LTP1465	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.045	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.035	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.023	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.044	
	Calcium	0.036	
	Sodium	0.015	
	Magnesium	0.0052	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Long Handle Knit Polyester	LTP1465.10	162mm	100	10	180 x 150 x 170mm

**Lab-Tips® - LTP70F**

Small Knitted Polyester Swab with Flexible Tip
Cleanroom laundered double layer 100% polyester knit swab

Key Attributes

- Cleanroom laundered 100% continuous filament polyester knit head
- Short polypropylene handle with a flexible paddle head
- Thermally bonded head
- Laundered and packaged in Class 10 (ISO Class 4) cleanroom

Benefits

- Critically low particles, fibers, ions and extractables
- High abrasion resistance
- Chemically compatible with IPA, acetone and other solvents
- Soft and non abrasive with no contaminating adhesives
- Good sorbency
- Autoclavable
- Free from Silicone, amides and DOP

Environmental

- Complies with RoHS and REACH requirements

Applications

- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials
- Cleaning with solvents

TECHNICAL DATA

ATTRIBUTE		LTP70F	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.010	IENT-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.058	IENT-RP.CC004.3, Sec 7.2.2
	Sulfate	0.16	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0015	
	Calcium	0.020	
	Sodium	0.0048	
	Magnesium	0.0046	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Small Polyester w/ Flexible Tip	LTP70F.20	70mm	100	20	235 x 105 x 85mm



Lab-Tips®- LTP70R

Small Knitted Polyester Swab with Rigid Tip
Cleanroom laundered double layer 100% polyester knit swab

Key Attributes

- Cleanroom laundered 100% continuous filament polyester knit head
- Short polypropylene handle with a rigid head
- Thermally bonded head
- Laundered and packaged in Class 10 [ISO Class 4] cleanroom

Benefits

- Critically low particles, fibers, ions and extractables
- High abrasion resistance
- Chemically compatible with IPA, acetone and other solvents
- Soft and non-abrasive with no contaminating adhesives
- Good sorbency
- Autoclavable
- Free from Silicone, amides and DOP

Environmental

- Complies with RoHS 2002/05 and REACH requirements

Applications

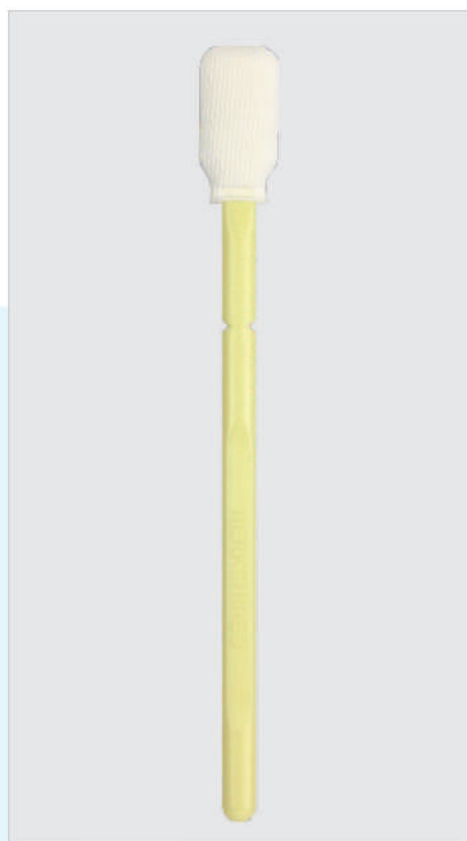
- Designed for the highest level of contamination control in critical processing applications
- Cleaning of sensitive equipment
- Cleaning with solvents
- Applying lubricants and other liquids
- Removing excess materials

TECHNICAL DATA

ATTRIBUTE		LTP70R	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.0075	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.028	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.023	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0063	
	Calcium	0.0039	
	Sodium	0.0064	
	Magnesium	0.0043	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Small Polyester w/Rigid Tip	LTP70R.20	70mm	100	20	235 x 105 x 85mm

**Lab-Tips® - LTP125S**

Large Sampling Swab

Cleanroom laundered double layer 100% polyester knit swab

Key Attributes

- Cleanroom laundered 100% continuous filament 2-ply polyester knit head
- Long polypropylene handle with a large semi-flexible paddle head
- Thermally bonded head
- Grooves on handle for easy snapping
- Laundered and packaged in Class 10 {ISO Class 4} cleanroom

Benefits

- Critically low particles, fibers, ions and extractables
- Excellent chemical resistance
- High abrasion resistance while soft and non-abrasive
- No contaminating adhesives and good sorbency
- Autoclavable
- Free from Silicone, Amides and DOP

Applications

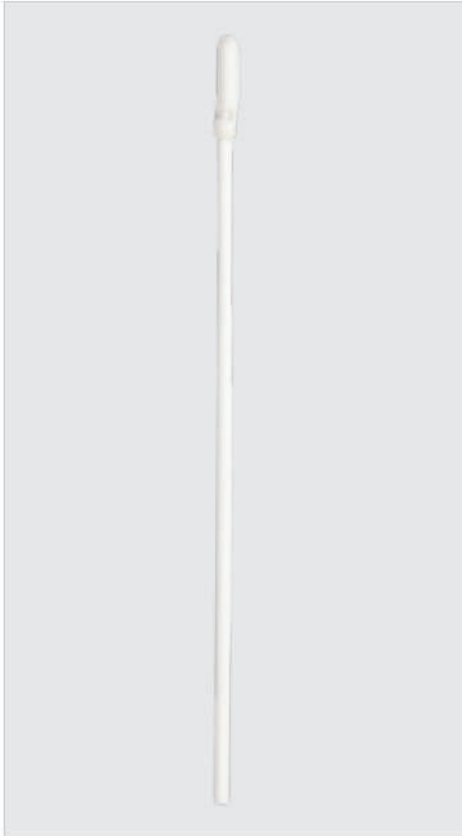
- Sampling surfaces for cleaning validation in many industries

TECHNICAL DATA

ATTRIBUTE		LTP125S	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.075	EST-RP-CC004.4 Sec 8.1.2
Ions (µg/swab)	Chloride	0.11	TEST-RP-CC004.4 Sec 8.2.2
	Sulfate	0.061	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.010	
	Calcium	0.082	
	Sodium	0.032	
	Magnesium	0.011	

ORDER INFORMATION

PRODUCT	ITEM NUMBER	SIZE	SWABS/PK	PKS/CS
Large Knitted Polyester Sampling	LTP125S.25	125mm	20	25



Polyester Swab PS3605

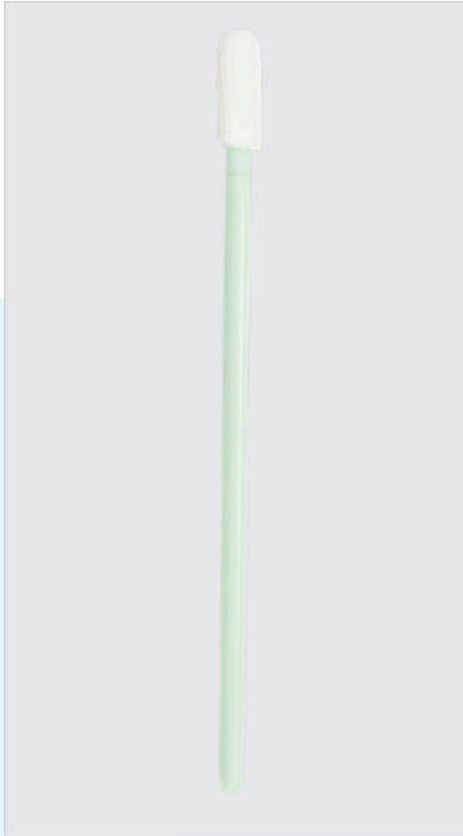
- Good wear resistance
- Can be used with IPA, acetone or other solvents
- Chemically resistant
- Low non-volatile residues
- Low particle formation
- Lint-free
- Application of adhesives or other liquids
- Removal of residues and particles

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Single spatula shaped 4,8 x 15,1 mm	Ø 3.05 x 149.23 mm
Material	Washed two-layer knitted polyester	Polypropylene

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Polyester Swab PS3605	360021	152.4 mm	100	10

**Swab PS 3912**

The semi-circular flat head of the cleaning stick/Swab PS 3912 is made of two-layer woven polyester and is thermally bonded to the handle – without the use of contaminating adhesives. The head is particularly suitable for cleaning small, slotted and recessed areas.

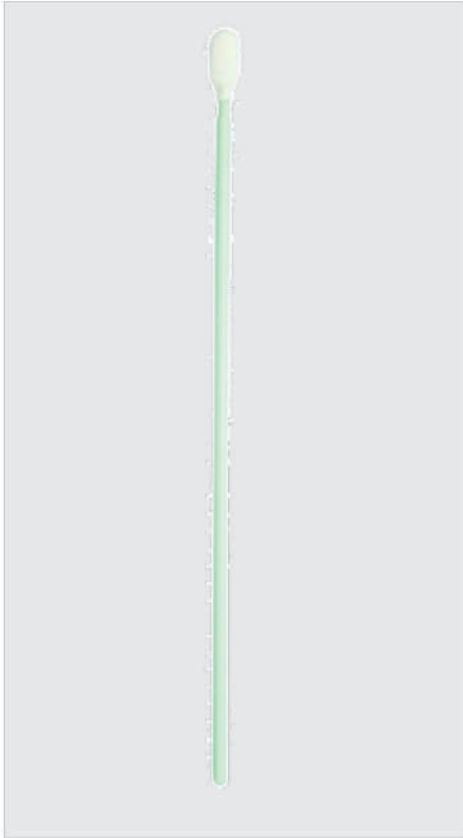
- Free of silicone, amide and phthalates
- Low non-volatile residues
- Low particle and ion content
- Good absorbency
- Compatible with common solvents
- Without adhesives or coatings
- Recommendation: ISO 4

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Simply semi-circular 4,0 x 2,5 x 11,0 mm	Ø 2.3 x 59.0 mm
Material	Polyester	Polypropylen

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab PS 3912	360912	70 mm	500	50



Swab PS3910

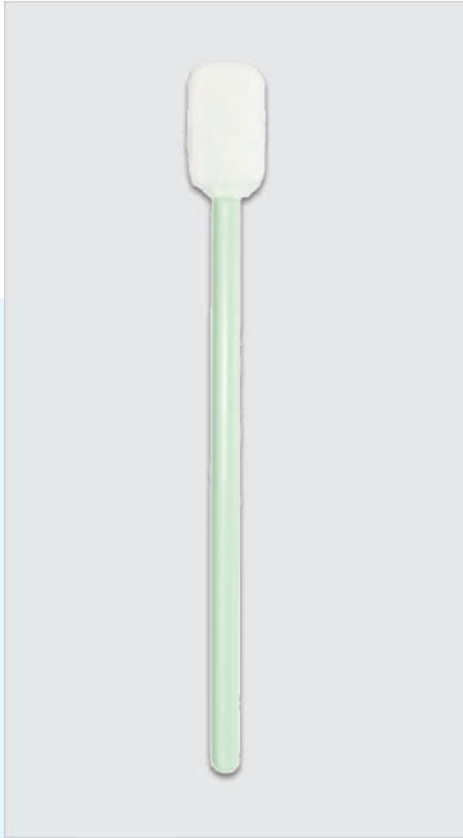
- The PS3910 Polyester Swab is designed for cleaning small, slotted and recessed areas.
- Superior cleaning is controlled and assisted with a flexible handle.
- Constructed from a two-layer knit polyester that is free from organic impurities such as silicone, amides or phthalates.
- The polyester layers are thermally bonded to the handle, eliminating the use of contaminating adhesives or coatings.
- Washed and packaged in an ISO Class 5 clean room, the polyester has a low particle and ion content.
- It has excellent compatibility with most common solvents including acetone as well as excellent absorbency.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Double Layer Knitted Polyester 6.0 x 3.0 x 17.0mm	Ø 3.2 x 145.0 mm
Material	Double Layer Knitted Polyester	Polypropylene

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab PS3910	360054	162.0 mm	500	20

**Swab PS3911**

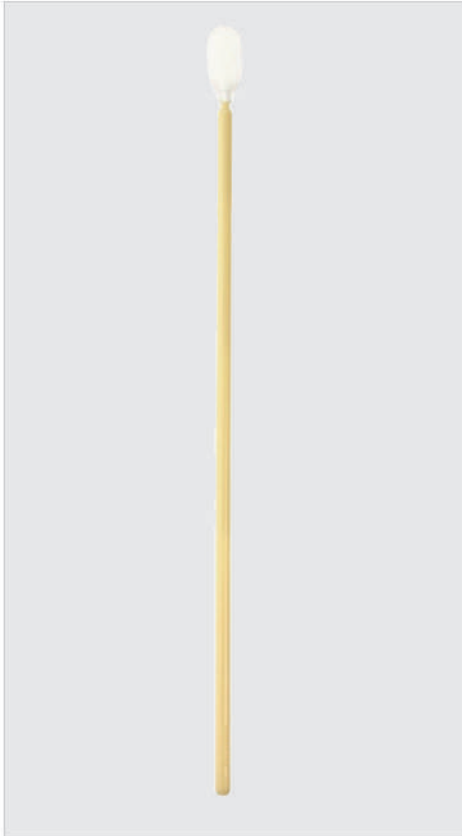
- Anti-Static Cleanroom Swab with Rectangular Polyester Head.
- The double-knit cloth is thermally bonded to the handle eliminating the use of contaminating adhesives or coatings.
- This swab is free of silicone, amides and phthalates.
- The flexible head is lint free and removes residue/particles without scratching the surface.
- The material has very good compatibility with various solvents and is ideal for working with acetone.
- Washed and packed according to clean room class 10 / ISO 4.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	rectangular polyester 13.0 x 4.0 x 25.0mm	Ø 5.2 x 103.0 mm
Material	polyester	polypropylene

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab PS3911	360911	152.908mm	100	50



Lab-Tips® - LTN1465

Long Handle Nonwoven Polyester Swab
100% hydroentangled polyester long handle swab

Key Attributes

- Double layer, hydro-entangled polyester tip over flexible paddle
- Soft and nonabrasive
- Thermally bonded head
- Polypropylene handle
- Packaged in an ISO class 4 (Class 10) cleanroom

Benefits

- Low particle generation
- Low non volatile residue
- Excellent chemical resistance
- No contaminating adhesives
- Good sorbency
- Free from Silicone, amides and DOP

Environmental

- Complies with RoHS and REACH requirements

Applications

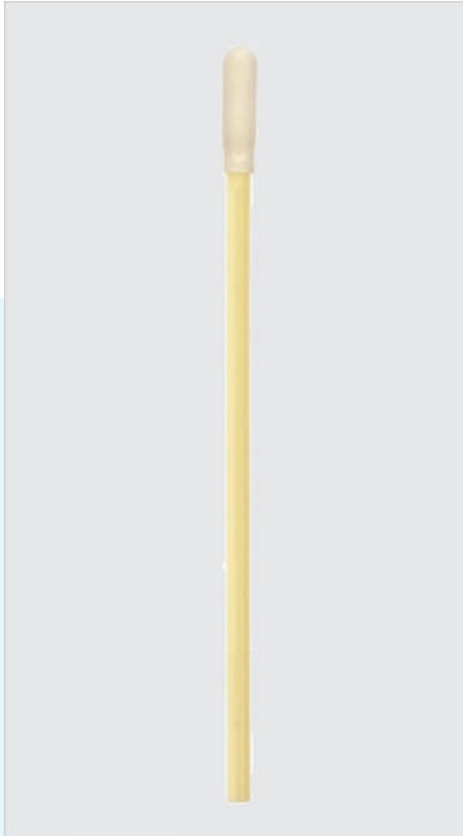
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Cleaning validation
- Surface sampling
- Cleaning with solvent

TECHNICAL DATA

ATTRIBUTE		LTN1465	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.060	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.10	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.077	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0088	
	Calcium	0.028	
	Sodium	0.027	
	Magnesium	0.0057	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Long Handle Nonwoven	LTN1465.10	162mm	100	10	180 x 150 x 170mm

**Lab-Tips®- LTN70F**

Small Nonwoven Polyester Swab with Flexible Tip
100% hydroentangled polyester swab

Key Attributes

- Double layer, hydroentangled polyester over flexible paddle
- Soft and non abrasive
- Thermally bonded head
- Packaged in an ISO class 4 (Class 10) cleanroom

Benefits

- Low particle generation
- Low non volatile residue
- Excellent chemical resistance
- No contaminating adhesives
- Good sorbency
- Free from Silicone, amides and DOP

Environmental

- Complies with RoHS 2002/05 and REACH requirements

Applications

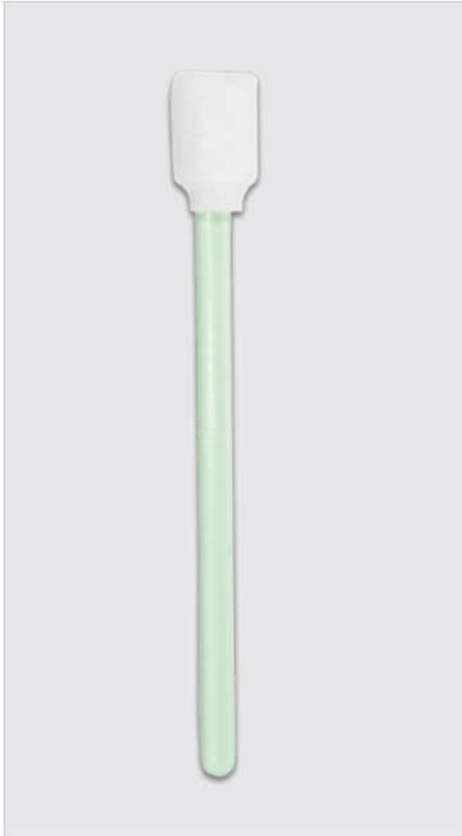
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials

TECHNICAL DATA

ATTRIBUTE		LTN70F	TEST METHOD
Non-Volatile Residue	IPA mg/swab	0.018	IENT-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.19	IENT-RP.CC004.3, Sec 7.2.2
	Sulfate	0.049	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.055	
	Calcium	0.13	
	Sodium	0.090	
	Magnesium	0.068	

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS	CASE SIZE
Nonwoven swab	LTN70F.20	70mm	100	20	235 x 105 x 85mm



Swab PU3923

- Made of compressed, closed-cell polyurethane foam with 100 ppi, which is free of organic impurities such as silicone, amides or phthalate esters.
- The foam is thermally bonded to the handle, allowing the use of contaminant adhesives or coatings are avoided.
- Has excellent compatibility with common solvents including acetone, as well as excellent absorbency and solvent holding capacity.
- The rectangular head is a large universal scraper and has excellent durability and padding.
- A stiff inner paddle provides a firm hold.
- The stem is made of polypropylene.
- The stem is compact and does not contribute to particles or organic contamination.
- Free of silicone, amide and DOP
- Low non-volatile residue
- Low particles and ion content

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Simply rectangular 16.0 x 9.2 x 25.5 mm	6,7 x 104,8 mm
Material	100 ppi polyurethane	Polypropylen

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab PU3923	360923	130,3 mm	50	50



Swab 25-1506 1PF100, PUPS, 1-sided, sterile

- This special applicator is made of 100ppi high quality polyurethane foam.
- It is securely glued to a hollow polystyrene handle that breaks when bent 90 degrees.
- Medical quality
- Foam has excellent collection and separation properties
- Soft foam tip for patient comfort
- Can be used dry or with media
- Cheek swab
- For nasal and anterior nostrils sampling for diagnostic testing
- For general sampling for testing
- Used in pediatrics, ophthalmology, veterinary medicine and oropharyngeal applications
- Component of rapid diagnostic kits

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	4.775x 16.002 mm	2.54x 149.225mm
Material	polyurethane	polystyrene

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab 25-1506 1PF100, PU/PS, 1-sided, sterile	360053	151.867	1	100x10



Swab PureFlock Ultra 25-3317-U, PU/PS, 1-sided, (sterile)

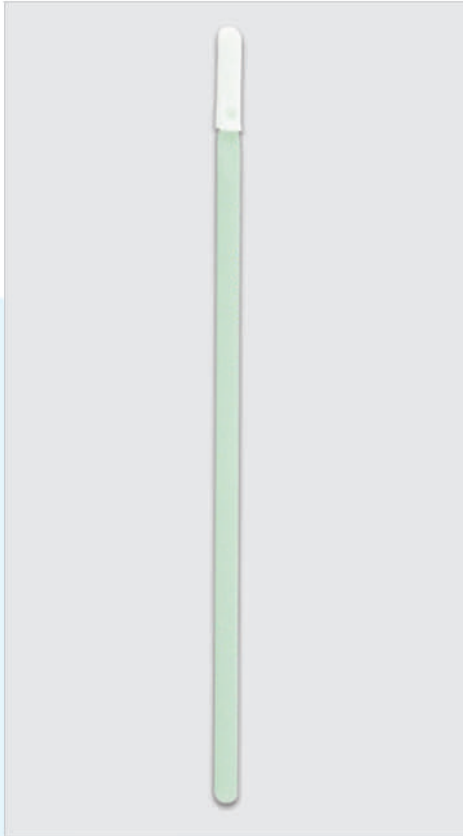
- An ideal choice for flock swabs with excellent absorption and elution of samples when the high absorbency of HydraFlock is not required.
- The high purity properties of PurFlock Ultra make it an ideal swab for various rapid diagnostic tests.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	3.556x 16.76 mm	2.54x 152.14mm
Material	polyurethane	polystyrene

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab PureFlock Ultra 25-3317-U, PU/PS, 1-sided, sterile	360055	151.867	1	50x10



Microfiber-Swab PS3900

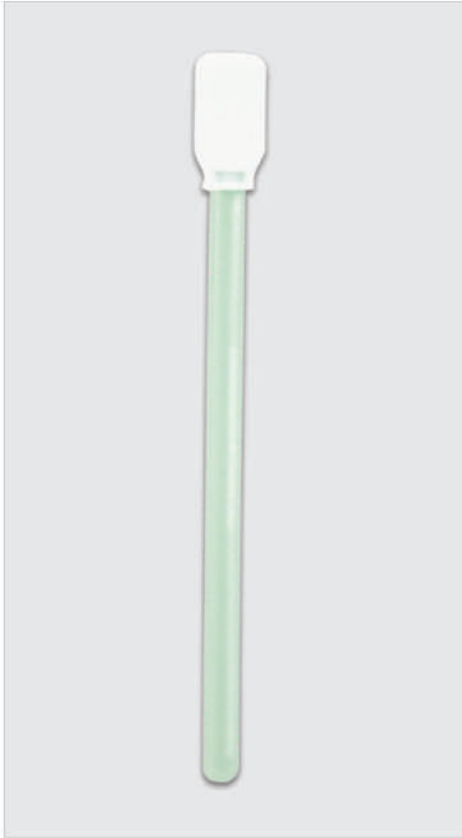
- The Mini Swab consists of a single-layer microfiber that is free of organic contaminants such as silicone, amides or phthalate esters.
- The fabric is thermally bonded to the handle, which avoids the use of contaminating adhesive or coatings.
- The polyester, which is washed and packaged in an ISO Class 5 cleanroom, has a low particle and ion content.
- It has excellent compatibility with most common solvents, including acetone, as well as excellent absorbency and solvent absorption capacity.
- The head is designed for cleaning small, slotted and recessed areas.
- The excellent cleaning is controlled and supported by a flexible paddle.
- Designed for general cleaning, the swabs are the ideal swabs for cleaning components or parts.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Simply rounded 2.2 x 1.2 x 10.0 mm	Ø 2.2 x 62.0 mm
Material	Simple Knitted Microfiber	Polypropylen

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab PS3900	360900	72,0 mm	500	50



Optical fiber Swab PS 3901

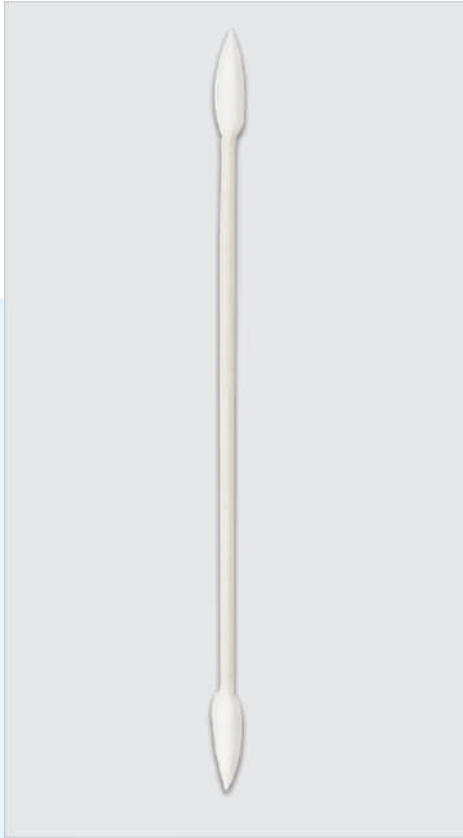
- Constructed from Double-layer knitted microfiber and polyester.
- The inside layer is polyester, the outside layer is microfiber.
- Both is free from organic contaminants such as silicone, amides or phthalate esters.
- The cloth is thermally bonded to the handle, thus, eliminating the use of contaminating adhesive or coatings.
- It has excellent compatibility with most common solvents including acetone as well as excellent absorbency and solvent-holding capacity.
- The head is designed for cleaning small, slotted and recessed areas. The excellent cleaning is controlled and supported by a flexible Paddle.
- Free from silicone, amide and DOP
- Low non-volatile residue
- Low in both particles and ion content
- Good absorbenc

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Single rectangular 13.0 x 4.0 x 24.0 mm	Ø 6.6 x 105.0 mm
Material	Double Layer Microfiber and Polyester	Polypropylen

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Optical fiber Swab PS 3901	360901	129.0 mm	100	50

**Swab Huby-340 BB-003**

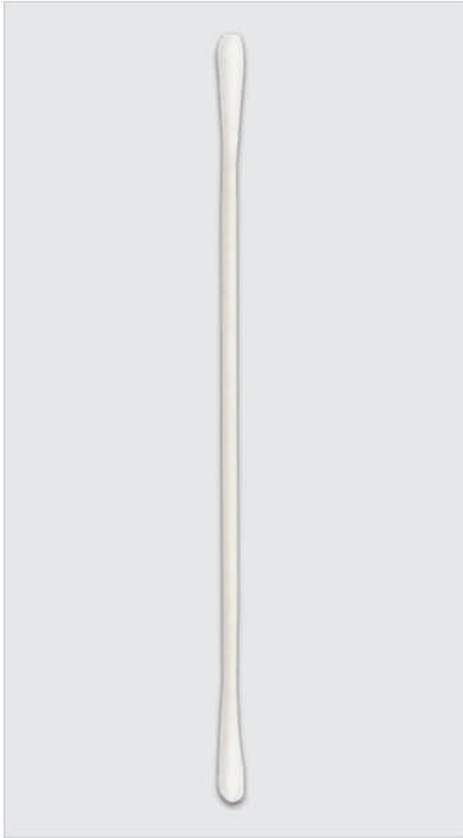
- Fine handle made of paper, white, with double, hard, pointed tree wool swab.
- Very absorbent with excellent water absorption and easy to dispose of.
- Double-tip cotton swabs with sharp tips are made of high-quality, long-staple cotton, tightly wrapped at both ends of the high-strength paper handle.
- The high-quality cotton fibres offer an excellent inclusion and retention capacity of particles as well as an exceptional absorbency of most solvents and solutions.
- The swabs are suitable for the most common solvents, including isopropyl alcohol and acetone, absorb and are ideal for use with water-based solutions.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Double sharp $\varnothing$ 3.0 x 11.0 mm	$\varnothing$ 1.5 x 73.0 mm
Material	Cotton	Paper

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab Huby-340 BB-003	360011	79.0 $\pm$ 1.0 mm	25	100x20



Swab Huby-340 BB-002

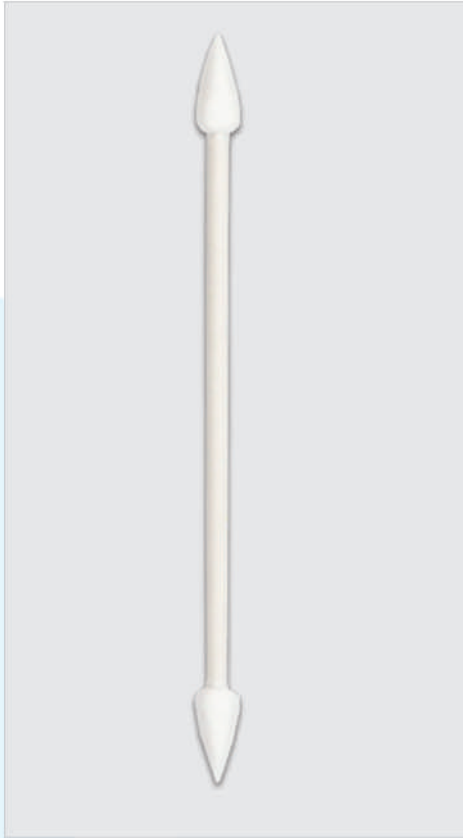
- BB-002 is slimmer than BB-001.
- The head is a 3-inch baby type cotton swab.
- The head is spherical, lint-less and highly absorbent with excellent water absorption and is convenient to use as a solvent soaked.
- It is used by Micro scoop, optical equipment, connector, and so on.
- It is also burnable for easy disposal.
- The high-quality cotton fibers provide excellent particle entrapment and retention, as well as exceptional absorbency of most solvents and solutions.
- The Huby Swabs are absorbent to most common solvents including isopropyl alcohol, acetone, and is ideal for use with aqueous based solutions.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Double semi-rounded Ø 2.6 x 13.5 mm	Ø 1.52 x 73.0 mm
Material	Cotton	Paper

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab Huby-340 BB-003	360014	75.0 mm	25	100x20

**Swab Huby-340 CA-003**

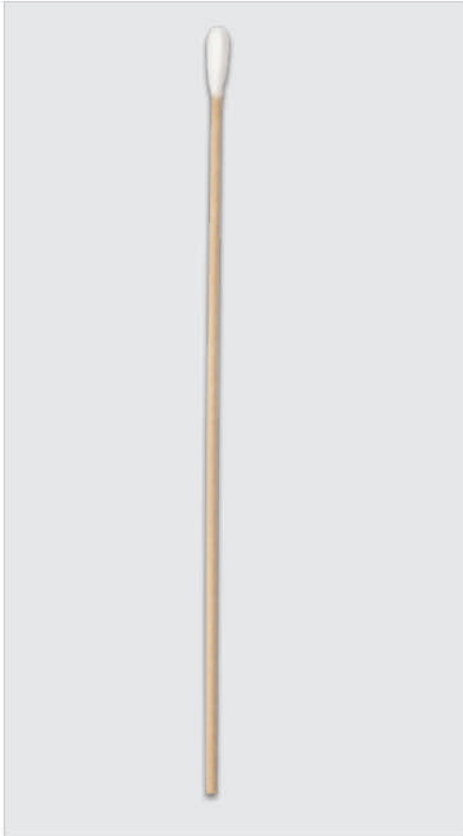
- Very absorbent with excellent water absorption and easy to dispose of.
- Double-tip cotton swabs with sharp tips are made of high-quality, long-staple cotton, tightly wrapped at both ends of the high-strength paper handle.
- The high-quality cotton fibres offer excellent particle containment and retention capacity as well as exceptional absorbency of most solvents and solutions.
- The swabs are suitable for the most common solvents, including isopropyl alcohol and acetone, absorbent and ideal for use with water-based solutions

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Double pointed Ø 4.7 x 11.0 mm	Ø 2.5 x 73.0 mm
Material	Cotton	Paper

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab Huby-340 CA-003	360007	81.0 ± 1 mm	50	20



Swab Huby-340 CA-006

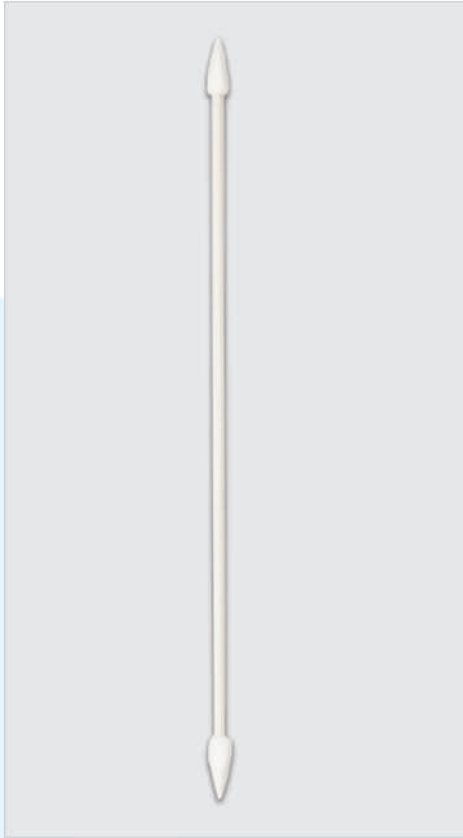
- Fine handle made of wood, with simple hard spherically applied cotton swab.
- Very absorbent with excellent water absorption and easy to dispose of.
- Made of high-quality, long-staple cotton, tightly wrapped at one end of the wooden handle.
- The high-quality cotton fibres offer excellent particle containment and retention capacity as well as exceptional absorbency of most solvents and solutions.
- The swabs are suitable for the most common solvents, including isopropyl alcohol and acetone, are absorbent and ideal for use with water-based solutions.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Simply rounded Ø 4.7 x 15.0 mm	Ø 2.3 x 148.0 mm
Material	Cotton	Wood

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab Huby-340 CA-003	360015	150,0 ± 0,5 mm	100	10x20



Swab Huby-340 CA-008

- Very absorbent with excellent water absorption and easy to dispose of.
- The double-sided swab with pointed head is made of high-quality, long stacked cotton, tightly wrapped at both ends of the high-strength paper handle.
- The high-quality cotton fibres offer excellent particle confinement and retention, as well as exceptional absorbency of most solvents and solutions.
- Suitable for the most common solvents, including isopropyl alcohol and acetone, the swabs are absorbent and ideal for use with water-based solutions

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Double conical Ø 5.0 x 13.0 mm	Ø 2.5 x 145.5 mm
Material	Cotton	Paper

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab Huby-340 CA-008	360012	153,5 ± 1,0 mm	100	10x20

**Swab Huby-340 CA-005**

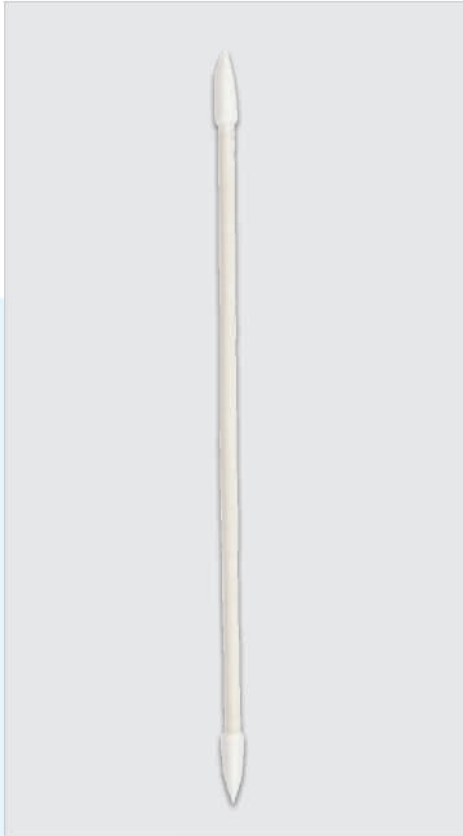
- Very absorbent with excellent water absorption and easy to dispose of.
- The long handle facilitates the cleaning and maintenance of machines.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Single semi-circular Ø 2.3 x 16.0 mm	Ø 2.5 x 145.5 mm
Material	Cotton	Paper

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab Huby-340 CA-005	360010	146,5 ± 0,5 mm	100	25x20



Swab Huby-340 BB-013

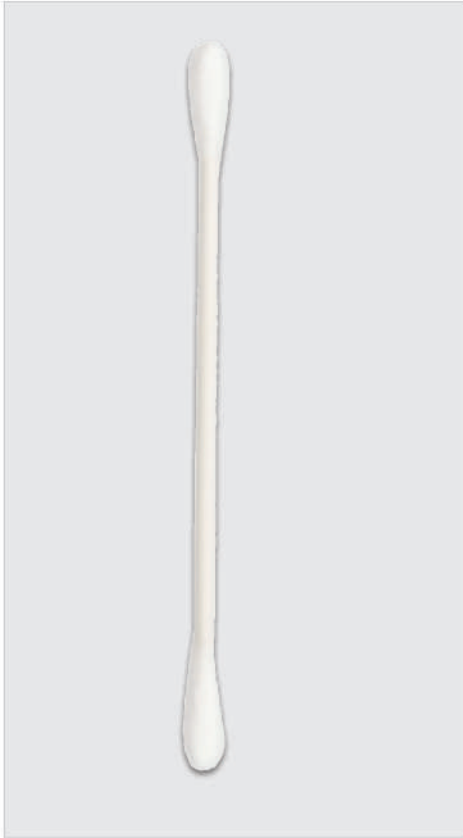
- BB-013 is corn born stem aiming to increase the cotton for high absorbent and developed by end-user needs for more absorbency to clean critical areas.
- BB-013 is 3 inch baby type cotton swab.
- Head is sharp, lint-less and highly absorbent with excellent water absorption and in convenient to use a solvent soaked.
- It using by Micro scoop, optical equipment, connecter and so on, also burnable for easy dispose.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Head double pointed Ø 2.2 x 8.0 mm	Ø 1.5 x 73.0 mm
Material	Cotton	Stalk pressed cotton

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab Huby-340 BB-013	360013	76.0 ± 1,0 mm	25	100x20



Huby-340 CA-002

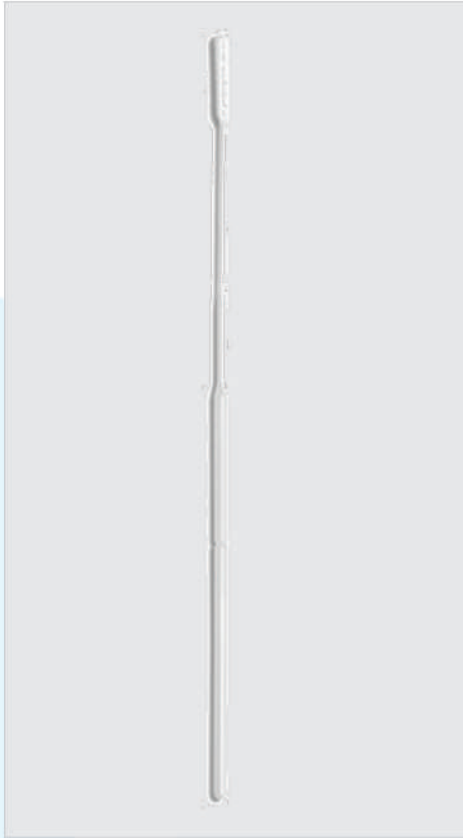
- CA-002 is 3 inch cotton applicator.
- The shape of this extremely absorbent swab makes it perfect for use in precision areas such as B, the laser and optics industry.
- The material cotton is naturally very resistant to chemicals and is well compatible with various solvents.
- Head is spherical and stem are stick and hard, easy to use for variously.
- Maintenance, cleaning for precision machinery and etc, one of the very popular item.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Head double round Ø 4.4 x 15.0 mm	Ø 2.5 x 73.0 mm
Material	Cotton	Stalk pressed cotton

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab Hubby-340 CA-002	360017	77.5 ± 0,8 mm	25	50x20



Swab PureFlock Ultra 3317-U, PU/PS, 1-sided

- An ideal choice for flock swabs with excellent absorption and elution of samples when the high absorbency of HydraFlock is not required.
- The high purity properties of PurFlock Ultra make it an ideal swab for various rapid diagnostic tests.
- Medical quality
- Highly absorbent tip
- Soft smooth lace
- Applications:
 - For nasopharyngeal and urethral cell collection
 - Sample collection
 - Rapid diagnostic tests
 - Forensic Evidence Collection

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	Head double round 3.556mmx 16.76mm	2.54mmx152.146mm
Material	PureFlok Ultra	polyurethane, polystyrene

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab PureFlock Ultra 3317-U, PU/PS, 1-sided	360054	152.908mm	100	



Swab 25-1506 1PF100, PUPS, 1-sided, sterile

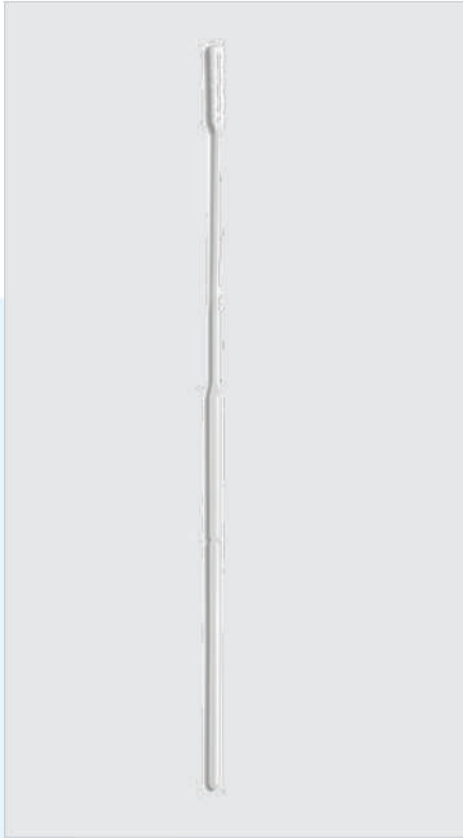
- This special applicator is made of 100ppi high quality polyurethane foam.
- It is securely glued to a hollow polystyrene handle that breaks when bent 90 degrees.
- Medical quality
- Foam has excellent collection and separation properties
- Soft foam tip for patient comfort
- Can be used dry or with media
- Cheek swab
- For nasal and anterior nostrils sampling for diagnostic testing
- For general sampling for testing
- Used in pediatrics, ophthalmology, veterinary medicine and oropharyngeal applications
- Component of rapid diagnostic kits

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	4.775x 16.002 mm	2.54x 149.225mm
Material	polyurethane	polystyrene

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab 25-1506 1PF100, PU/PS, 1-sided, sterile	360053	151.867	1	100x10



Swab PureFlock Ultra 25-3317-U, PU/PS, 1-sided, sterile

- An ideal choice for flock swabs with excellent absorption and elution of samples when the high absorbency of HydraFlock is not required.
- The high purity properties of PurFlock Ultra make it an ideal swab for various rapid diagnostic tests.

TECHNICAL DATA

SPECIFICATIONS	HEAD	STEM
Dimensions	3.556x 16.76 mm	2.54x 152.14mm
Material	polyurethane	polystyrene

ORDER INFORMATION

PRODUCT	PART NUMBER	SIZE	SWABS/PK	PKS/CS
Swab PureFlock Ultra 25-3317-U, PU/PS, 1-sided, sterile	360055	151.867	1	50x10

48

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