



# Puritan Diagnostics Opti-Swab™ bacterial collection and transport systems.

**THE ULTIMATE CHOICE FOR PERFORMANCE, EFFICACY, AND RELIABILITY.** Puritan Opti-Swab™ Liquid Amies collection and transport systems are uniquely engineered to provide superior performance and ease of use in the collection and transport of clinically significant bacteria.

Together, Puritan's proprietary patented HydraFlock® swabs combined with modified liquid Amies transport medium provide an ideal buffered environment to protect aerobic, anaerobic, and fastidious bacterial viability during specimen collection and transport.



**HydraFlock®**

100% US-MANUFACTURED





## Specifically engineered for superior performance.

Only Puritan's Opti-Swab™ transport systems use our patented HydraFlock® collection devices.

### 1. LEAK-PROOF, SELF-CENTERING CAP

Cap is designed to **facilitate the capture of the swab handle** for specimen processing. Color-coding ensures easy product identification.

### 2. SAFE, INTEGRATED TRANSPORT VIAL

Transport vial is engineered and validated for **integrated use with traditional and automated specimen processors**. Made with **superior raw materials**, the vial ensures the safe collection and transport of clinical specimens.

### 3. MODIFIED LIQUID AMIES MEDIUM

**Maintains viability** of aerobic, anaerobic, and fastidious bacteria.

### 4. VARIETY OF SWAB STYLES

Patented **HydraFlock® swabs** are available in several tip shapes and sizes. Offering **standard or customized molded breakpoints** to accommodate specific uses and patient comfort.

### 5. PURE SPECIMEN COLLECTION

**No fiber treatment** to interfere with specimen purity.



## 1 COLLECT SPECIMEN

Patented HydraFlock® swabs provide a greater surface area for optimum sampling.



## 2 BREAK HANDLE AT MOLDED BREAKPOINT

Molded breakpoints at 80 or 100 mm are standard. Customized breakpoints are available.

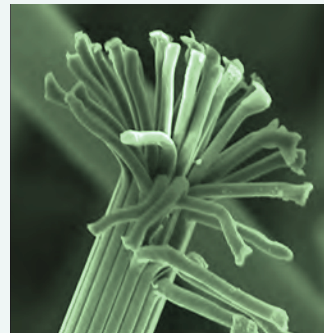


## 3 ELUTE SPECIMEN

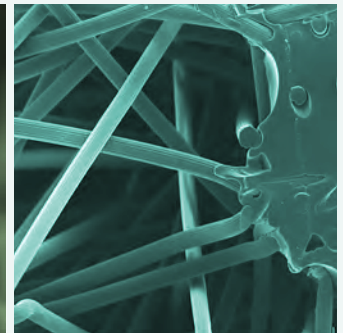
HydraFlock® fibers rapidly release the specimen into the medium for complete elution.

## Puritan HydraFlock® – The evolution of flocked swab technology

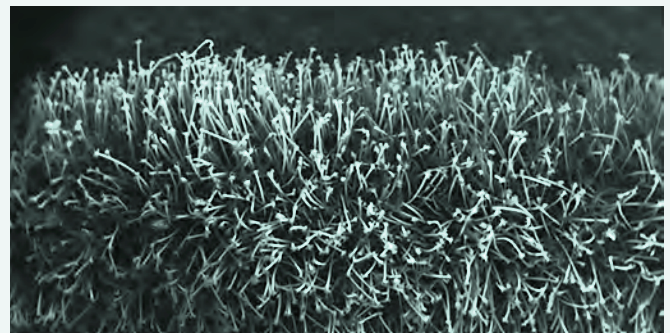
Puritan’s proprietary HydraFlock® swabs are composed of multi-length, “split-end” fibers. Unlike traditional perpendicular flocked swabs of homogeneous nylon composition, our patented design interweaves hundreds of polyester threads into each individual high-density fiber. As a result, HydraFlock® swabs have a greater overall surface area for specimen collection and interstitial pockets within fiber strands for more rapid elution and maximal sample preservation. Recent scientific tests confirmed that Puritan HydraFlock® swabs provide the **most efficient absorption and elution on the market.**



HydraFlock® Longitudinal 1000x



HydraFlock® Cross Section 250x



HydraFlock® Longitudinal 18x

### PATENT INFORMATION

	HydraFlock®	PurFlock Ultra®
<b>PATENTED</b>		
US	8334134	8420385
Canada	2,744,282	2,744,678
Europe	2263548	2263549
Australia	2010341422	2010341421
Japan	2012-522818	2012-522817
China	ZL 201080049992.7	
<b>PATENT PENDING</b>		
China		PCT/US2010/002154
Hong Kong	1106293.8	1106294.7



# Puritan dry transport systems.

**GET ALL OF YOUR SPECIMEN COLLECTION DEVICES IN ONE PLACE!** Puritan has added dry transport systems – made in the USA – to our specimen collection and transport device lines. There’s a wide selection of standard material and patented HydraFlock® and PurFlock Ultra® tips, and many handle types (some with molded breakpoints). All models come sterile or non-sterile. Custom orders and configurations are always welcome.



**Safe, sterile specimen transport.** No matter which swab(s) you choose, all of our transport systems include a round-bottom tube made from virgin polypropylene resin, which will securely hold the swab, maintaining a safe and sterile environment.

## DRY TRANSPORT SYSTEMS WITH A VARIETY OF STANDARD TIPPED APPLICATORS

These are designed to assure integrity of the sample collection and transport. We work closely with our customers to provide a range of tip and handle configurations, with the tube, to fit specific situations and environments. Custom orders welcome.

Item No.	Item Description	Cap Color	Handle length x diameter	Tip length x diameter	Tube length x diameter	Packaging pack, weight
<b>sterile</b>						
25-806 1PA BT	Regular calcium alginate tip, polystyrene handle.	Blue	149.225 x 2.54 mm 5.875 x 0.1"	17.45 x 5.156 mm 0.687 x 0.203"	154 x 12 mm 6.062 x 0.472"	5/100/1,* 7 lbs.
25-806 1WA BT	Regular calcium alginate tip, wood handle.	Blue	147.625 x 2.54 mm 5.812 x 0.1"	16.281 x 5.563 mm 0.641 x 0.219"		
25-806 1PC BT	Regular cotton tip, polystyrene handle.	Pink	147.225 x 2.54 mm 5.875 x 0.1"	17.45 x 5.156 mm 0.687 x 0.203"		
25-806 1WC BT	Regular cotton tip, wood handle.	Pink	147.625 x 2.54 mm 5.812 x 0.1"	15.875 x 4.775 mm 0.625 x 0.188"		
25-806 1PD BT	Regular polyester tip, polystyrene handle.	Green	149.225 x 2.54 mm 5.875 x 0.1"	17.45 x 5.156 mm 0.687 x 0.203"		
25-806 1PR BT	Regular rayon tip, polystyrene handle.	White	149.225 x 2.54 mm 5.875 x 0.1"	17.450 x 5.156 mm 0.687 x 0.203"		
25-806 1WR BT	Regular rayon tip, wood handle.	White	147.625 x 2.54 mm 5.812 x 0.1"	15.875 x 4.775 mm 0.625 x 0.188"		
25-1406 1PF BT	Small foam tip, polystyrene handle.	Blue	152.298 x 2.489 mm tapered to 1.321 mm 5.969 x 0.098" tapered to 0.049"	13.894 x 3.581 mm 0.547 x 0.141"		
25-1506 1PF BT	Regular foam tip, polystyrene handle.	Blue	149.225 x 2.54 mm 5.875 x 0.1"	16 x 4.775 mm 0.63 x 0.188"		



**Color coded for confidence, and convenience.**  
 The injection-molded cap gives you a precision fit for multiple handle styles. Printed product numbers and colored caps assist in inventory maintenance and correct configuration in the field and in the lab. All Puritan dry transport systems are made in the USA. Custom sizes, materials, and configurations are always welcome.

## DRY TRANSPORT SYSTEMS WITH PATENTED HYDRAFLOCK® & PURFLOCK ULTRA® FLOCKED SWABS

Our patented HydraFlock® (product numbers coded with an H) and PurFlock Ultra® (code U) flocked swabs are available in different tip shapes and handle configurations. It's the processing of the tip fibers themselves that creates the characteristic rapid absorption and quick release of specimens.

HydraFlock Item No.	PurFlock Ultra Item No.	Item Description	Cap Color	Handle length x diameter	Tip length x diameter	Tube length x diameter	Packaging pack, weight
<b>sterile</b>	<b>sterile</b>						
25-3306-H BT	25-3306-U BT	Standard tip, polystyrene handle with breakpoint at 80mm.	Red	152.654 x 2.54 mm tapered to 1.676 mm 6.01 x 0.1" tapered to 0.066"	17.45 x 5.08 mm 0.687 x 0.2"	154 x 12 mm 6.062 x 0.472"	5/100/1, 7 lbs.
25-3316-H BT	25-3316-U BT	Mini-tip, polystyrene handle, no breakpoint.	Black	149.6 x 2.489 mm tapered to 1.245 mm 5.89 x 0.098" tapered to 0.049"	18.415 x 3.429 mm 0.725 x 0.135"		
25-3316-H EMB 80 BT	25-3316-U EMB 80 BT	Mini-tip, polystyrene handle with breakpoint at 80mm.	Green	149.606 x 2.489 mm tapered to 1.245 mm 5.89 x 0.098" tapered to 0.049"	18.415 x 3.429 mm 0.725 x 0.135"		
25-3316-H EMB 100 BT	25-3316-U EMB 100 BT	Mini-tip, polystyrene handle with breakpoint at 100mm.	Yellow	149.606 x 2.489 mm tapered to 1.245 mm 5.89 x 0.098" tapered to 0.049"	18.415 x 3.429 mm 0.725 x 0.135"		
25-3317-H BT	25-3317-U BT	Ultrafine tip, polystyrene handle with breakpoint at 100mm.	Orange	152.146 x 2.54 mm tapered to 0.914 mm 5.99 x 0.1" tapered to 0.036"	16.764 x 3.556 0.66 x 0.14"		
25-3318-H BT	25-3318-U BT	Micro ultrafine tip, polystyrene handle with breakpoint at 100mm.	White	152.146 x 2.54 mm tapered to 0.914 mm 5.99 x 0.1" tapered to 0.036"	7.925 x 3.556 mm 0.312 x 0.14"		
25-3406-H BT	25-3406-U BT	Large tip, polystyrene handle with breakpoint at 80mm.	Red	149.606 x 2.54 mm tapered to 2.286 mm 5.89 x 0.1" tapered to 0.09"	16.256 x 5.563 mm 0.64 x 0.219"		
25-3606-H BT	25-3606-U BT	Elongated tip, polystyrene handle with breakpoint at 30mm.	White	151.384 x 2.54 mm tapered to 1.702 mm 5.96 x 0.1" tapered to 0.067"	17.399 x 5.63 mm 0.685 x 0.219"		
25-3706-H BT	25-3706-U BT	Elongated tip, polystyrene handle with breakpoint at 100mm.	White	151.384 x 2.54 mm tapered to 1.702 mm 5.96 x 0.1" tapered to 0.067"	17.399 x 5.63 mm 0.685 x 0.219"		
25-3806-H BT	25-3806-U BT	Elongated tip, polystyrene handle, no breakpoint.	White	151.384 x 2.54 mm tapered to 1.702 mm 5.96 x 0.1" tapered to 0.067"	17.399 x 5.63 mm 0.685 x 0.219"		

\*5 boxes per case, 100 tubes per box, 1 swab per tube



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 ISO 9001:2008 ISO 13485:2003 CE



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# Ordering information

## Puritan Opti-Swab™ Liquid Amies Collection & Transport System with HydraFlock® Swabs (Sterile)





Item No.	Vial diameter x length	Fill Volume, Medium	Description	Molded Breakpoint	Packaging
LA-106	12 x 80 mm	1 mL, Liquid Amies Medium	Package includes one unwrapped elongated HydraFlock swab (25-3506-H) and one vial with white self-centering cap.	80 mm	6/50 (6 boxes of 50 pkgs.)
LA-116			Package includes one unwrapped mini-tip HydraFlock swab (25-3316-H) and one vial with green self-centering cap.		
LA-117			Package includes one unwrapped ultrafine HydraFlock swab (25-3317-H) and one vial with blue self-centering cap.	100 mm	



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 ISO 9001:2008 ISO 13485:2003 CE



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# A revolutionary breakthrough in flocked swab technology.

**PURITAN'S PATENTED HYDRAFLOCK® AND PURFLOCK ULTRA® SPECIMEN COLLECTION DEVICES.** We are constantly striving to provide the most cutting-edge products for our customers. We combined user feedback with a proprietary research manufacturing process to develop our HydraFlock® and PurFlock Ultra® diagnostic swabs.

Incorporating our patented, intricate fiber technology, they provide the highest collection and elution capacities available on the market.



**PurFlock  
ULTRA®**



**HydraFlock®**

100% US-MANUFACTURED





# Puritan advances an evolution in diagnostic design.

Puritan's proprietary flocking technology starts with managing the finest polyester materials available worldwide to our manufacturing facility.

Our process starts with producing the swab fiber, composed of a unique porous microchannel "fiber-within-fiber" design structure. The swab fiber is then applied to tips to produce a versatile, high-performance brush-like swab without an inner fabric or core to collect specimens. Further proprietary manufacturing processes result in multi-length, "split-end" fibers that create a greater overall surface area and tension for more rapid elution and maximal sample preservation. Scientific studies have confirmed Puritan flocked swabs provide the most efficient collection and elution on the market.

# 1

**Patented bi-component fiber design** of PurFlock Ultra® results in maximum specimen collection and elution.

**Multi-length "split" HydraFlock® fibers** have a greater surface area than traditional nylon flock fibers, resulting in a higher rapid elution into transport medium.

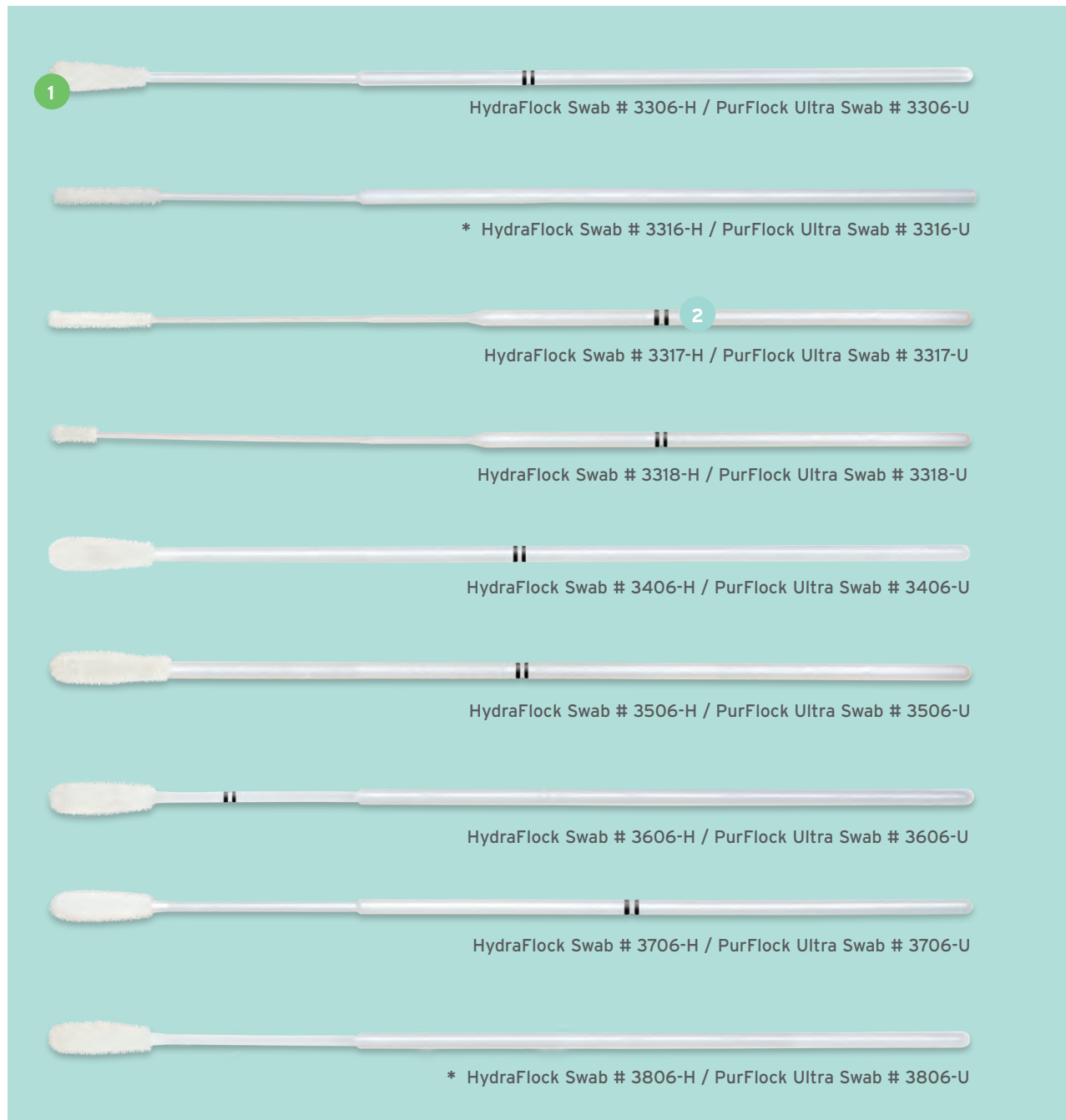
**No excessive adhesive or fiber treatments** for flawless specimen purity.

**Various tip shapes and sizes** enhance collection flexibility and improve patient comfort.

**Proprietary manufacturing process and patented materials** result in more collection/elution of specimen than with traditional nylon flock fibers.

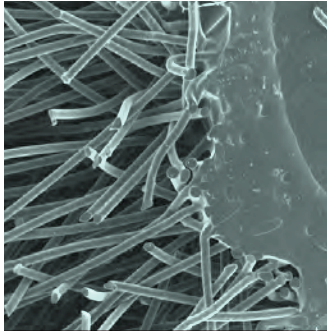
# 2

**Standard and customizable molded breakpoints** for various vial sizes.

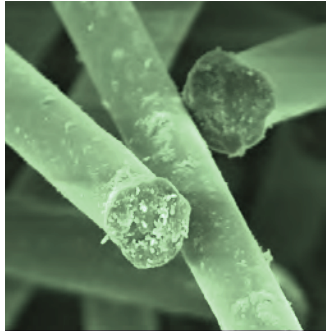


\* Styles 3316 and 3806 have no breakpoint on handle. Breakpoint can be customized. Please contact a Puritan representative for details.





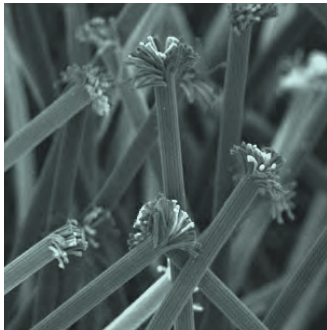
PurFlock Ultra® Cross Section 120x



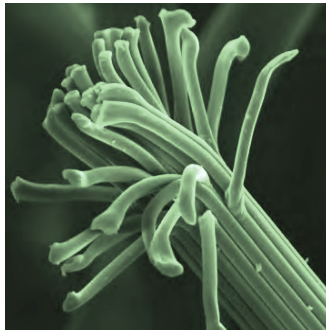
PurFlock Ultra® Longitudinal 1000x

## Puritan PurFlock Ultra®

Engineered for purity and maximal cell yield with a small sample size, PurFlock Ultra® is ideal for PCR, molecular assays, DFA testing, forensic applications, and direct antigen testing. Constructed from fiber technology that results in higher purity than traditional nylon swabs, PurFlock Ultra® swabs provide the greatest balance between purity and sample collection efficiency on the market. PurFlock Ultra® swabs are used in settings where sensitivity of diagnostic testing is key.



HydraFlock® Longitudinal 200x



HydraFlock® Longitudinal 1000x

## Puritan HydraFlock®

Specifically engineered for a wide range of biological specimens, HydraFlock®'s unique three-dimensional microstructure design facilitates greater specimen collection and complete elution. These multi-length, split HydraFlock® fibers have a greater absorption surface area than traditional perpendicular nylon flock fibers for more rapid elution and maximal sample preservation. HydraFlock® swabs are ideal for a variety of clinical settings and diagnostic tests.

## Make Puritan swabs your own.

Take advantage of our custom options, including handle color, printing, and variable breakpoints.

### CUSTOM COLORS

The colors shown below are a few that customers have requested in the past. These are just examples – you can request any color you like. Colors make swab differentiation fast and easy – in the field, in the lab, and in diagnostic kits. You can also select a color to match your company or corporate palette.



Your COLOR here!

### CUSTOM HANDLES

Customize any of our diagnostic swabs with a signature handle. Provide us with your logo, tag line, text, or other information and we'll imprint it right on the handle. For details about fonts and character counts, please contact us.



Your LOGO or TEXT here!

### CUSTOM BREAKPOINTS

Different applications require different handle lengths. Depending upon how you plan to use your Puritan diagnostic swab, you may have a specific breakpoint in mind. Let us know and we'll build your breakpoint into each molded handle.



Your custom BREAK here!

# Ordering information

## Puritan HydraFlock® and PurFlock Ultra® Swabs

HydraFlock Item No.	PurFlock Ultra Item No.	Description	Molded Breakpoint	Packaging pack, weight
non-sterile   sterile	non-sterile   sterile			
3306-H	3306-U	Standard profile tip. Polystyrene handle.	80 mm	10/100, 3 lbs
25-3306-H	25-3306-U			10/50/1, 4 lbs
3316-H	3316-U	Mini-tip. Polystyrene handle.	*	10/100, 3 lbs
25-3316-H	25-3316-U			10/50/1, 4 lbs
3317-H	3317-U	Ultrafine tip. Polystyrene handle.	100 mm	10/100, 3 lbs
25-3317-H	25-3317-U			10/50/1, 4 lbs
3318-H	3318-U	Micro ultrafine tip. Polystyrene handle.	100 mm	10/100, 3 lbs
25-3318-H	25-3318-U			10/50/1, 4 lbs
3406-H	3406-U	Larger profile tip. Polystyrene handle.	80 mm	10/100, 3 lbs
25-3406-H	25-3406-U			10/50/1, 4 lbs
3506-H	3506-U	Elongated tip. Polystyrene handle.	80 mm	10/100, 3 lbs
25-3506-H	25-3506-U			10/50/1, 4 lbs
3606-H	3606-U		30 mm	10/100, 3 lbs
25-3606-H	25-3606-U			10/50/1, 4 lbs
3706-H	3706-U		100 mm	10/100, 3 lbs
25-3706-H	25-3706-U			10/50/1, 4 lbs
3806-H	3806-U		*	10/100, 3 lbs
25-3806-H	25-3806-U			10/50/1, 4 lbs

\* Styles 3316 and 3806 have no breakpoint on handle. Breakpoint can be customized. Please contact a Puritan representative for details.

PATENT INFORMATION		
	HydraFlock®	PurFlock Ultra®
<b>PATENTED</b>		
US	8334134	8420385
Canada	2,744,282	2,744,678
Europe	2263548	2263549
Australia	2010341422	2010341421
Japan	2012-522818	2012-522817
China	ZL 201080049992.7	
<b>PATENT PENDING</b>		
China		PCT/US2010/002154
Hong Kong	1106293.8	1106294.7



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# Forensic & Human Identity

COLLECTION &  
TRANSPORT SYSTEMS



**Puritan**<sup>®</sup>  
Quality since 1919



Puritan forensic swabs offer superior collection and elution, ensuring clean and accurate sampling every time.

### **Optimal Sample Collection and Transport**

Pathologists working in the forensics industry have a particularly high number of requirements for specimen collection. Not only do forensic swabs need to be 100% sterile, they also need to be free of any human contaminants like DNA, DNase, and RNase. Our HydraFlock® and PurFlock Ultra® brands of swabs offer superior collection capability compared to conventional nylon-flocked swabs. The unique microstructure and fibers of our swabs enhance rapid absorption and complete elution release of biological specimens. We are recognized within the global diagnostic market for products that provide consistent quality and repeatable results.

### **Puritan Understands the Unique Requirements for Forensic Work**

DNA sample contamination can have serious consequences for law enforcement officials who rely heavily on the accuracy of their forensic evidence. Compromised samples can lead to everything from false identification to mistrials.

That is why it is so important for crime scene investigators to choose a forensic swab that is designed especially for this level of specificity. At Puritan, we offer three different forensic swab types, each stringently tested and certified to be DNA-free.





## Crime Scene DNA COLLECTION

### DNA-Free, RNase-Free and DNA-Controlled Applications

Forensic professionals rely on Puritan swabs for clean and accurate sampling. Now you can feel even more confident. Our collection of DNA-free and RNase-free sampling swabs have been tested by an independent lab. These tests are done to the most stringent standards (less than 25 pg of human DNA). The result? Certified to be DNA-free at a threshold lower than any other swabs in the market today. Our collection of DNA-controlled swabs are manufactured in a DNA-controlled and monitored clean room environment.



*Distinctive red packaging makes our DNA-free products easy to identify*

## Genetics/Human Identification DNA COLLECTION

### Human Identity and Genomic DNA Sampling

The key to effective buccal swab sample collection is to make sure you've got the right tools on hand. Puritan offers a wide variety of sterile diagnostic sampling devices for collecting and transporting various cell types for DNA analysis.

Due to their high particle absorption and soft tips, foam swabs are a popular choice. Because of their superior collection and elution properties, flocked swabs are quickly gaining popularity for buccal cell collection.



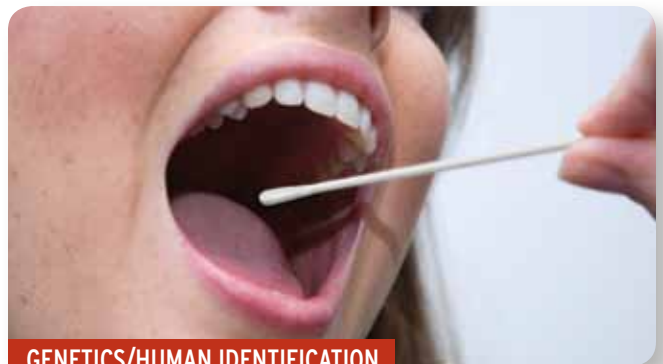
#### CRIME SCENE PRODUCTS INCLUDE:

- DNA-Free Sampling Swabs and Transport Systems
- DNA-Controlled Sampling Swabs and Transport Systems
- Wound Measuring Products
- Popule® Self-Saturating Foam Swab
- Cuticle Sticks

**TARGETED SAMPLES:** Sweat, semen, blood stains, skin, other

**APPLICATIONS:** DNA-free, RNase-free of human DNA, ensuring accurate results

**TYPES:** Specimen Evidence Collection, Trace Evidence Collection



#### GENETICS/HUMAN IDENTIFICATION PRODUCTS INCLUDE:

- DNA-Free Sampling Swabs and Transport Systems
- DNA-Controlled Sampling Swabs and Transport Systems


**TARGETED SAMPLES:** Buccal cells, saliva, skin, semen, blood stains, other

**APPLICATIONS:** Human Identification, STR Analysis, Paternity Tests, Genotyping

**TYPES:** Buccal Cell Collection, Specimen Evidence Collection

## Three DNA-free swab options. One standard for excellence.

### DNA-Free Ultra Flocked Swabs




Designed specifically for DNA testing in the crime scene investigation industry. With a greater ability to collect, retain, and elute specimens than other swab types, Puritan's DNA-free PurFlock Ultra flocked swab is a must-have for your forensic lab.

*All of our DNA-Free products are certified to be DNA-free, DNase-free, and RNase-free*

- Packaged individually in its own transport tube
- Ideal for PCR, molecular assays, DFA testing, and direct antigen testing


### DNA-Free Foam Swabs



Buccal swabbing, or swabbing the cells of the inner cheek, is an easy, quick, and non-invasive way to collect a donor's DNA. With an absorbent tip and large round head, our DNA-free foam swab is ideal for buccal cell collection.

- Large swab surface helps maximize sample concentration
- Soft foam tip minimizes discomfort
- Ideal for buccal cell collection

### DNA-Free Cotton Swabs



Ideal for blood specimen collection and buccal swabbing, this medical-grade multi-purpose swab is a go-to for every forensic pathologist's toolkit.

- Sterile DNA-free cotton swabs – 1 or 2 per package
- Sturdy wooden handle
- Individually wrapped or packaged in a dry transport tube

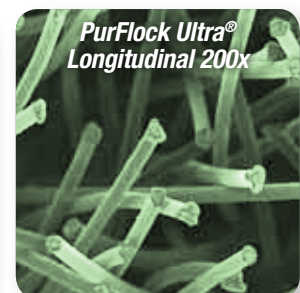
## The next generation of swab technology.

Puritan is the only flock swab manufacturer which holds patents for our HydraFlock and PurFlock Ultra collection devices. Our proprietary manufacturing process offers swabs with multi-length flock fibers providing you with increased surface area for the most efficient collection and elution on the market.

### Puritan's Patented HydraFlock® and PurFlock Ultra® Flocked Swabs

The unique microstructure of HydraFlock's multi-length fibers are designed to enhance rapid absorption and quick release of biological specimens. Swabs feature a polystyrene handle with molded break point and large tip.

PurFlock Ultra's purity makes it ideal for forensic applications and its uniquely designed fiber structure accounts for better cell yield in the specimen where sample size is limited. Puritan's patented HydraFlock and PurFlock Ultra swabs come in various tip shapes, making them perfect for buccal cell, specimen, DNA, forensic evidence collection, and rapid diagnostic testing. Swabs are also available with pre-molded breakpoints for automated specimen processing.



## Cap-Shure® tipped applicator's unique, award-winning design.

### Cap-Shure Products Make Multi-Step Specimen Collection Faster and Simpler

Our Cap-Shure line of applicators are uniquely crafted for the collection of fragile evidence, such as blood, saliva, latent print residue, or other physiological fluids, ensuring the integrity of each sample.

Our most popular option is available with a cotton tip produced from high quality US Pharma grade cotton which we card and coil onsite in order to maintain consistency. **Now offering an elongated flock tip!**

The forensic swab tip is securely bonded to a wood or polystyrene handle, and the contaminant-free aerated cap protects the tip from cross-contamination to ensure the quality of each specimen. Each applicator comes sterile and individually wrapped. The ventilated cap allows for normal air-drying and lays flat for easy transport.

### Ease Of Use Means Reliable Results

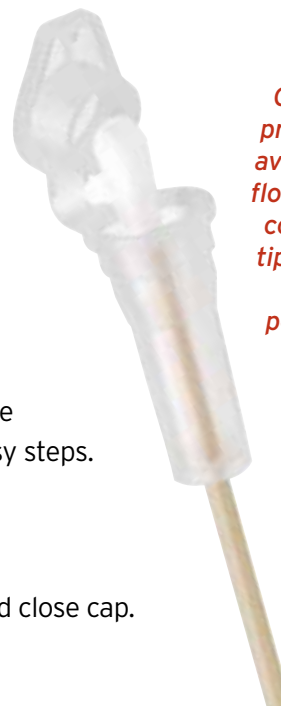
Extremely easy to use, making it ideal for collecting minute samples at crime scenes when efficiency is most crucial. To use, simply follow these three easy steps.

1. Open the tip protector cap.
2. Slide down the swab handle until swab tip is exposed.
3. Swab the tip on designated area, then slide the cap back over the swab and close cap.

### UNIQUE, AWARD-WINNING DESIGN



Puritan's cotton-tipped Cap-Shure® applicator was named one of Forensic Magazine's Readers' Choice Best Forensic Products of 2014.



*Cap-Shure products are available with flock, foam, or cotton swab tips, and with wood or polystyrene handles*

## Quality collection products that get the job done.

### Foam Swabs



This sterile buccal swab with round medical-grade foam tip provides an extra-large surface for maximum sample collection and preservation.

It's used extensively for the collection of saliva and buccal cells to be transferred to FTA cards.

### Cuticle Stick



Cuticle sticks are an excellent tool for the collection of trace DNA evidence such as skin cells, which can

be found under the fingernails of an assault victim. Each stick is individually wrapped to prevent cross-contamination.

### Popule® Self-Saturating Foam Swabs



Puritan's Popule self-saturating swabs are used for collecting trace DNA evidence. This all-in-one sterile device combines





a foam tip with polypropylene handle filled with either 0.75ml 91% IPA and deionized water or 2.0ml nuclease-free sterile water. Gamma processed.






Simply squeeze the handle to break the patented seal and allow the liquid to flow to the foam head. Instructions for use are included in each box.

# Puritan Forensic & Human Identity Products

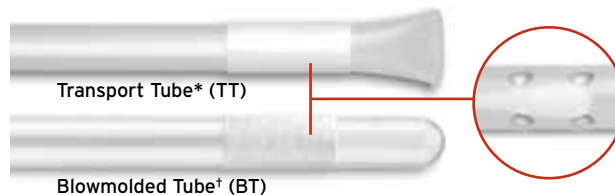
Our packaging codes include 3 numbers. The first number represents the outermost package, which may be a case, a box, or other container. The second number indicates what you'll find inside the outer packaging—bags, wrappers, tubes, etc. The third number tells you how many swabs are grouped together.

**For example:** 10/100/1 = 10 boxes with 100 packages per box, 1 swab per package.





DNA-Free/RNase-Free				
STERILE	ITEM NO	DESCRIPTION	FULL LENGTH & TIP DIAMETER	PACKAGING
	25-806 1WC FDNA	Standard cotton tip, wood handle.	5.937" x 0.188"	10/100/1
	25-806 2WC TT FDNA	Standard cotton tip, wood handle, dry transport tube.*	5.937" x 0.188"	10/50/2
	25-1805 1PF RND FDNA	Large, round foam tip, polypropylene handle.	5.125" x 0.906"	10/50/1
	25-3306-U TT FDNA	Standard ultra flock tip, polystyrene handle, dry transport tube.*	6.04" x 0.2"	10/50/1

DNA-Controlled (FAB-SWAB)				
STERILE	ITEM NO	DESCRIPTION	FULL LENGTH & TIP DIAMETER	PACKAGING
	25-805 1PC TT FABUSA	Cotton tip, polystyrene handle, patented tube* design for product breathability.	5" x 0.203"	10/50/1
	25-825 1WCS TT FABUSA	Pointed small cotton tip, wood handle, patented tube* design for product breathability.	5.095" x 0.12"	10/50/1
	25-806 1PC BT FABUSA	Standard cotton tip, polystyrene handle, patented tube† design for product breathability.	5.937" x 0.188"	10/50/1
	25-826 1WC BT FABUSA	Tapered mini cotton tip, wood handle, patented tube† design for product breathability.	5.975" x 0.12"	10/50/1
	25-3606-U BT FABUSA	Elongated ultra flock tip, polystyrene handle with pre-molded breakpoint at 30mm from tip end, patented tube† design for product breathability.	6.04" x 0.2"	10/50/1

**Note:** Above swabs with TT or BT in the item number come with a dry transport tube as illustrated at left.



Puritan's filtered air-breathable (FAB) swab and transport system Breathable Tyvek® filter covers holes, allows air in and keeps contaminants out, prohibiting mold growth during transport




Cap-Shure® Collection Devices				
STERILE	ITEM NO	DESCRIPTION	FULL LENGTH & TIP DIAMETER	PACKAGING
	25-806 1WC EC	Standard cotton tip, wood handle, aerated tip protector.	5.937" x 0.188"	10/50/1
	25-807 1PC EC	Standard cotton tip, polystyrene handle, aerated tip protector.	7" x 0.203"	10/50/1
	25-3206-H EC	Elongated hydra flock tip, polystyrene handle, with aerated tip protector.	5.93" x 0.212"	10/50/1
	25-3206-U EC	Elongated ultra flock tip, polystyrene handle, with aerated tip protector.		

**Note:** Cap-Shure® Collection Devices are available with different tip and handle materials (shown above) and all feature the unique cap for transport (shown at right).












## HydraFlock® and PurFlock Ultra® Flocked Swabs

STERILE	HYDRAFLOCK   PURFLOCK ULTRA	DESCRIPTION	FULL LENGTH & TIP DIAMETER	PACKAGING
	25-3206-H   25-3206-U 25-3206-H 20MM   25-3206-U 20MM	Elongated tip, polystyrene tapered handle with no breakpoint. The 20MM swabs offer a handle with a 20mm breakpoint	5.93" x 0.212"	10/50/1
	25-3406-H   25-3406-U	Large profile tip, polystyrene tapered handle with pre-molded breakpoint 80mm from tip end.	5.93" x 0.212"	10/50/1
	25-3606-H   25-3606-U	Elongated tip, polystyrene handle with pre-molded breakpoint 30mm from tip end.	6" x 0.219"	10/50/1



## Cotton Swabs

STERILE	ITEM NO	DESCRIPTION	FULL LENGTH & TIP DIAMETER	PACKAGING
	25-803 2PC	Standard tip, polystyrene handle.	3.062" x 0.203"	10/100/2
	25-803 2WC	Standard tip, wood handle.	3.062" x 0.203"	10/100/2
	25-806 1PC	Standard tip, polystyrene handle.	6" x 0.203"	10/100/1
	25-806 2PC		6" x 0.203"	10/100/2
	25-806 1WC	Standard tip, wood handle.	5.937" x 0.188"	10/100/1
	25-806 2WC		5.937" x 0.188"	10/100/2


## Foam Swabs

STERILE	ITEM NO	DESCRIPTION	FULL LENGTH & TIP DIAMETER	PACKAGING
	25-1805 1PF RND	Large, round foam tip, polypropylene handle.	5.125" x 0.906"	10/50/1

## Popule® Self-Saturating Foam Swabs

STERILE	ITEM NO	DESCRIPTION	FULL LENGTH & TIP DIAMETER	PACKAGING
	25-4000	Pre-filled popule with 2.0ml sterile water, standard foam tip. Nuclease-free.	3" x 0.687"	10/40/1
	25-4660	Pre-filled popule with 0.75ml 91% IPA and deionized water, small foam tip.	3" x 0.438"	10/40/1

## Cuticle Stick

NON-STERILE	ITEM NO	DESCRIPTION	FULL LENGTH & TIP DIAMETER	PACKAGING
	2911	Wood, double bevel both ends, wrapped.	7" x 0.156"	4/125/1

**Don't see exactly what you need? Give us a call.**

Puritan manufactures a variety of products not found in our catalog – we may have the right one for your special application. If not, we'd like to talk with you about developing your custom device. Any of our product offerings listed above can be made to be DNA-Controlled/ DNA-Free to suit your forensic/human identity sampling needs.

**To discuss your customization needs, call 800-321-2313**

## Puritan: America's swab experts.

Puritan Medical Products is the most trusted manufacturer of swabs and other single-use products, shipping globally for the healthcare, diagnostic, forensic, critical environments, food safety, and drug manufacturing industries. All of our products are manufactured, packaged, and shipped from our state-of-the-art manufacturing facility in Guilford, Maine, USA.

## We're passionate about sustainability.

- Puritan runs on 100% renewable energy (wood process waste) for all manufacturing energy needs.
- We have an ongoing energy upgrade initiative.
- Puritan packaging materials are made up of at least 65% post-consumer recycled content.



**Puritan**<sup>®</sup>

Quality since 1919

FORENSICS • DIAGNOSTICS • CRITICAL ENVIRONMENTS • MEDICAL • ENVIRONMENTAL

ISO 9001:2008 • ISO 13485:2003

Toll-free: 800-321-2313 • Outside the US or Canada call 207-876-3311  
[puritanmedproducts.com](http://puritanmedproducts.com) • Email: [sales@puritanmedproducts.com](mailto:sales@puritanmedproducts.com)

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# Puritan Diagnostics UniTranz-RT™ viral collection and transport systems.

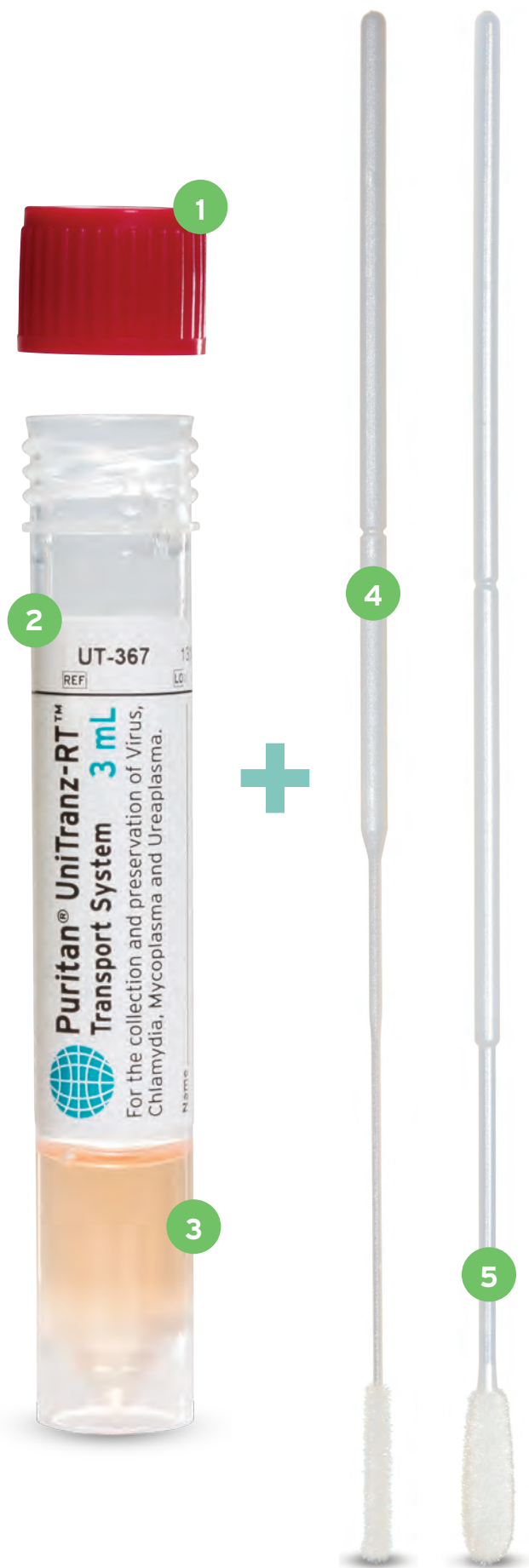
**PURITAN UNITRANZ-RT™ UNIVERSAL TRANSPORT MEDIUM** is the most reliable choice for the collection, preservation, and transport of viruses, chlamydia, mycoplasma, and ureaplasma specimens at room temperature (RT).

Puritan UniTranz-RT™ ensures the safe transport of clinical specimens and flexibility for immediate testing or refrigerated storage when immediate testing is not possible.



**UniTranz-RT™**

100% US-MANUFACTURED



## Designed for optimum performance and reliability.

Only Puritan's UniTranz-RT™ transport systems utilize proprietary PurFlock Ultra® collection devices for superior specimen collection.

### 1. LEAK-PROOF, SELF-CENTERING CAP

Self-centering cap is designed to facilitate **easy swab removal and disposal**.

### 2. SHATTERPROOF, MEDICAL-GRADE TRANSPORT VIAL

The vial allows for **safe collection and transport** of clinical specimens.

### 3. IDEAL TRANSPORT MEDIUM

The universal transport medium provides a **pH balanced environment** and contains antibiotics to inhibit bacterial or fungal contamination. (UniTranz-RT™ vials are available in 1 mL or 3 mL sizes). **Glass beads** inside the collection tube ensure more rapid sample dispersion and elution. It has a **shelf life of 18 months**.

### 4. STANDARD OR CUSTOMIZED BREAKPOINTS

Designed to **accommodate different sampling sites** – fast, safe, and convenient.

### 5. VARIETY OF SWAB STYLES

The patented **PurFlock Ultra®** or **spun polyester** swabs with a variety of tip shapes and sizes enhances collection flexibility and improves **patient comfort**.





### SWAB OPTIONS

Custom printing and molded breakpoints are available – please call us with your specific needs.



### SECURE SAMPLING

Both our PurFlock Ultra® and our spun polyester swabs provide easy sampling with a variety of tip and handle options.



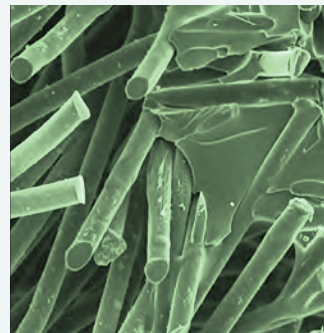
### SUPERIOR SPECIMEN COLLECTION

Once the sample is inside the tube, it quickly elutes and is dispersed by the glass beads.

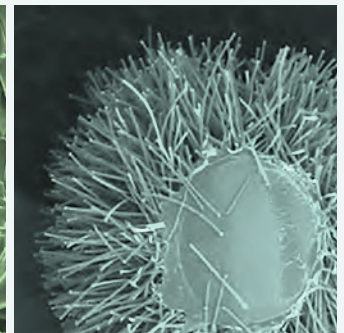
## Ultra purity for ultra versatility

Designed and engineered for purity and maximum sample yield, PurFlock Ultra® is the ideal swab combined with UniTranz-RT™ for PCR, DFA, molecular assays, direct antigen testing, and any sensitive diagnostic tests that rely on pure and/or limited sample availability.

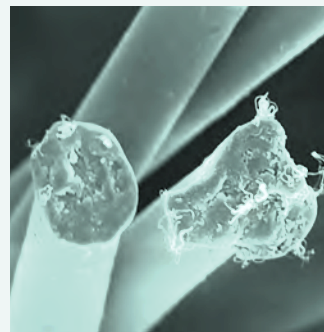
Puritan's patented flocking process results in a unique polyester microfiber geometry, with PurFlock Ultra® swab fiber composed of hundreds of individual interwoven strands. The swab fiber is integrated with the handle to prevent cross-contamination and maintain purity of the specimen.



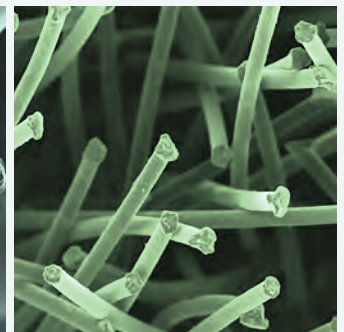
PurFlock Ultra® Longitudinal 200x



PurFlock Ultra® Cross Section 18x



PurFlock Ultra® Longitudinal 1000x



PurFlock Ultra® Cross Section 250x

#### PATENT INFORMATION

	HydraFlock®	PurFlock Ultra®
<b>PATENTED</b>		
US	8334134	8420385
Canada	2,744,282	2,744,678
Europe	2263548	2263549
Australia	2010341422	2010341421
Japan	2012-522818	2012-522817
China	ZL 201080049992.7	
<b>PATENT PENDING</b>		
China		PCT/US2010/002154
Hong Kong	1106293.8	1106294.7

# Ordering information



## Puritan UniTranz-RT™ Transport Systems with PurFlock Ultra® Swabs (Sterile)

Item No.	Vial diameter x length	Fill Volume, Medium	Description	Molded Breakpoint	Packaging
UT-106	12 x 80 mm	1 mL, Universal Transport Medium	Package includes one wrapped sterile large tip PurFlock Ultra swab (25-3406-U) and one vial.	80 mm	6/50 (6 boxes of 50 pkgs.)
UT-116			Package includes one wrapped sterile mini-tip PurFlock Ultra swab (25-3316-U) and one vial.	80 mm	
UT-117			Package includes one wrapped sterile ultrafine PurFlock Ultra swab (25-3317-U) and one vial.	100 mm	
UT-306	16 x 100 mm	3 mL, Universal Transport Medium	Package includes one wrapped sterile elongated PurFlock Ultra swab (25-3706-U) and one vial.	100 mm	
UT-316			Package includes one wrapped sterile mini-tip PurFlock Ultra swab (25-3316-U) and one vial.	100 mm	
UT-317			Package includes one wrapped sterile ultrafine PurFlock Ultra swab (25-3317-U) and one vial.	100 mm	
UT-367			Package includes one wrapped sterile ultrafine PurFlock Ultra swab and one elongated PurFlock Ultra swab (25-3317-U/25-3706-U) and one vial.	100 mm	



## Puritan UniTranz-RT™ Transport Systems with Spun Polyester Swabs (Sterile)

Item No.	Vial diameter x length	Fill Volume, Medium	Description	Breakpoint	Packaging
UT-302	16 x 100 mm	3 mL, Universal Transport Medium	Package includes one wrapped sterile regular polyester swab and one mini-tip swab with wire/plastic handle (25-800 2PD SC) and one vial.	100 mm	6/50 (6 boxes of 50 pkgs.)
UT-361			Package includes one wrapped sterile regular tip polyester swab (25-806 1PD) and one vial.		
UT-362			Package includes two sterile regular polyester swabs (25-806 2PD SC) and one vial.		
UT-366			Package includes one sterile regular polyester tip swab and one mini-tip polyester swab with plastic handle (25-800/806 2PD SC) and one vial.		



## Puritan UniTranz-RT™ Transport Systems with Media Only

Item No.	Vial diameter x length	Fill Volume, Medium	Description	Packaging
UT-100	12 x 80 mm	1 mL, Universal Transport Medium	Unwrapped vial.	6/50 (6 boxes of 50 vials)
UT-300	16 x 100 mm	3 mL, Universal Transport Medium		



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 ISO 9001:2008 ISO 13485:2003 CE

