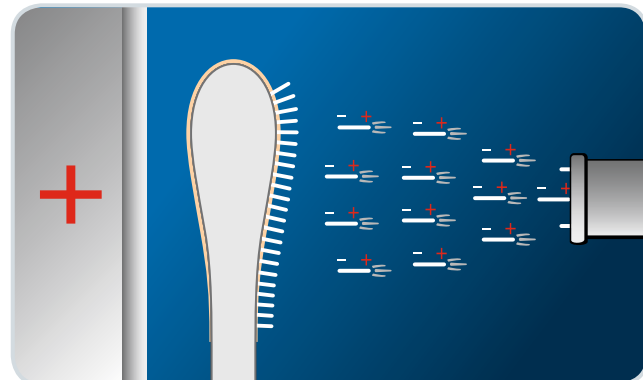


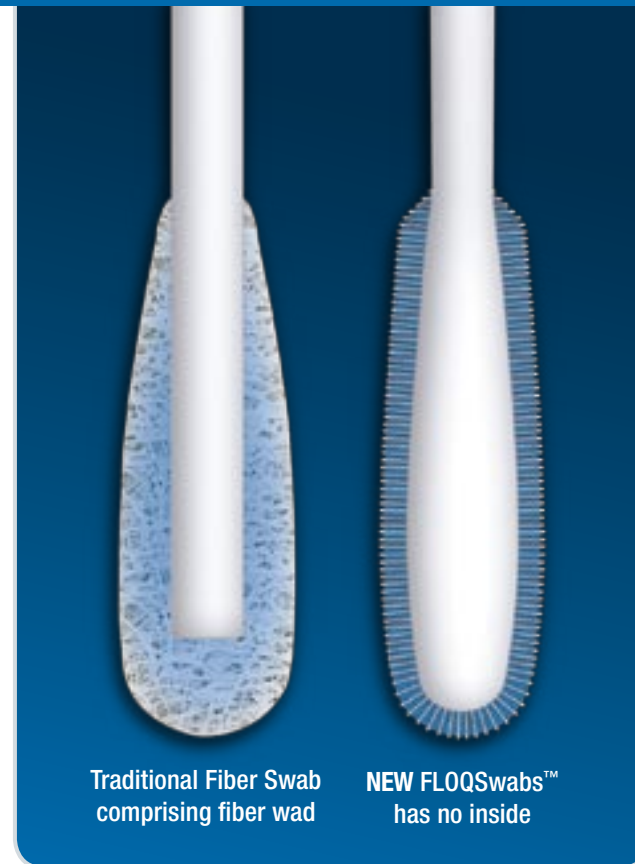
FLOQSwabs™ have no internal mattress core to disperse and entrap the precious sample like traditional fiber wound swabs. In stark contrast, the entire sample stays close to the surface for fast and complete elution.



**Perpendicular Nylon Fibers** act like a soft brush and allow improved collection of cell samples. Capillary action between the Nylon fiber strands facilitates strong hydraulic uptake of liquid samples. Sample stays close to the surface allowing easier elution.



Strands of Nylon are applied using a unique flocking process



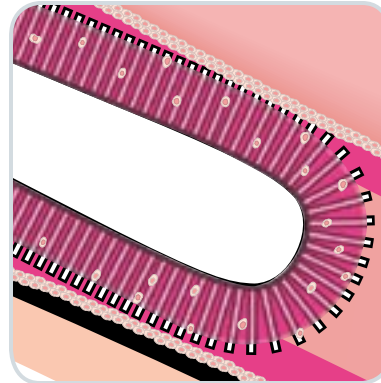
Traditional Fiber Swab  
comprising fiber wad

NEW FLOQSwabs™  
has no inside

- **Ergonomic and Anatomic Design**  
For improved patient comfort and efficiency in specimen collection
- **Rapid Automatic Elution**  
Instant and spontaneous release into liquid media
- **Improved Sample Collection**  
Velvet brush-like texture rapidly and efficiently dislodges cells and collects liquid by capillarity
- **Quantitative Volume Transfer**  
Measurable and consistent uptake and transfer from patient to test tube

## How Flocked Swabs Work

Scientific studies show that FLOQSwabs™ by Copan\* significantly improve quantity of sample collected and sample released into various culture and assay systems improving the quality of diagnostics. In addition to driving the proficiency of the analyte collection, FLOQSwabs™ by Copan's multiple engineered designs and custom swab fabrication program maximize patient comfort.



### Better Sample Collection

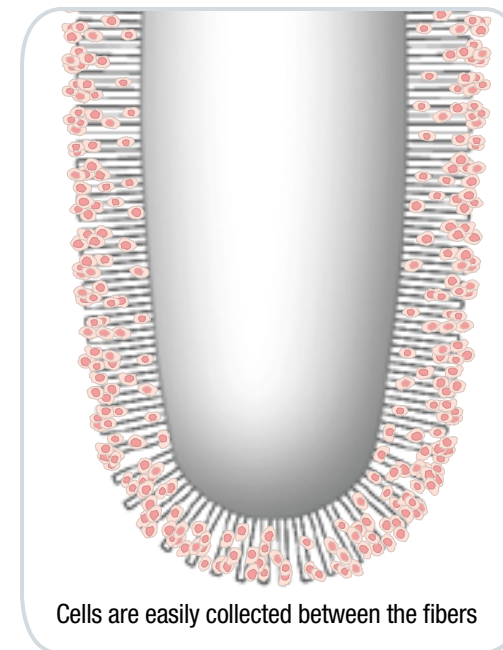
Liquid secretions are rapidly absorbed between the perpendicular fibers by capillary action.

Cellular material is collected very easily and efficiently because the velvet brush-like texture of the flocked swab is more effective at dislodging and removing cells.



### Entire Sample Released

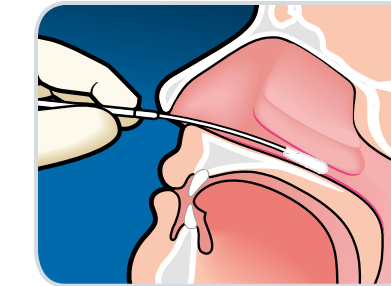
The entire sample is instantaneously and automatically released the moment the flocked swab is mixed with assays reagents or placed in a buffer solution or transport medium.



Cells are easily collected between the fibers

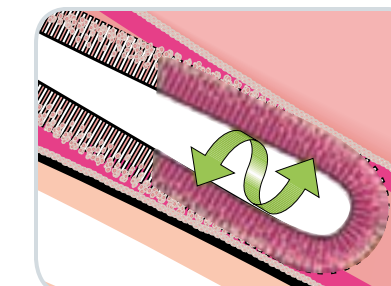
## Sample Collection using Flocked Swab Technology

Better diagnostics begin with better samples, and better samples are obtained by using proper sample collection methods. FLOQSwabs™ by Copan are used in a wide variety of applications. A common use of FLOQSwabs™ is for nasopharyngeal sample collection.

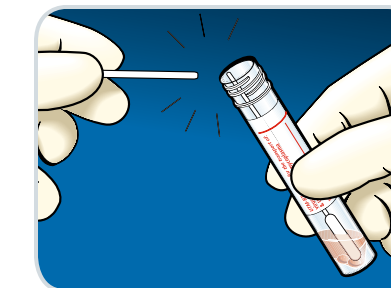
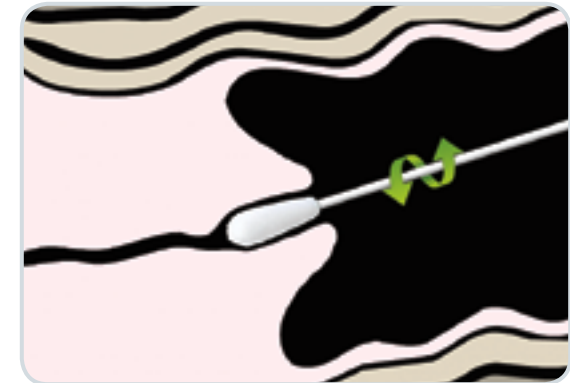


### Nasopharyngeal sample collection

**Step 1:**  
Insert the flocked swab into the nasal passage until a slight resistance is met.



**Step 2:**  
Rotate the swab two to three times and hold the swab in place for 5 seconds to ensure maximum absorbency. Strong capillary hydraulics between the strands of Nylon maximizes liquid sample collection.



**Step 3:**  
Put the swab in the transport medium and break the shaft at the painted breakpoint. Sample elutes automatically and rapidly because it is held very close to the surface in a totally open structure. This does not hinder the flow dynamics, so the entire sample is released.

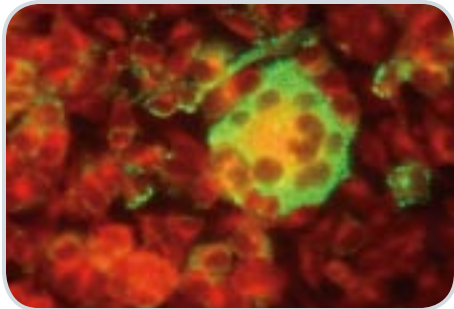


FLOQSwabs™ by Copan custom designs that optimize the sensitivity and specificity of various direct assays for diagnostics manufacturers are available upon request. For more information about Copan's custom program for kit manufacturers contact us at [oemkitmfg@copanusa.com](mailto:oemkitmfg@copanusa.com)



FLOQSwabs™ by Copan Improve Diagnostics

Samples collected using FLOQSwabs™ can be used for various applications and have been shown to improve the sensitivity of various diagnostic tests. Scientific studies have shown that FLOQSwabs™ by Copan release more cells for Direct Fluorescent Antibody (DFA) testing\*



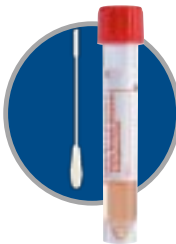
Rapid Direct Testing

The entire sample is automatically and spontaneously eluted from FLOQSwabs™, improving the amount of target analyte released into direct tests such as lateral flow immunochromatographic assays



Copan UTM used with FLOQSwabs™ is the optimum combination for virology culture and DFA testing

FLOQSwabs™ combined with Copan UTM provide a universal open platform collection and transport system that has been successfully used for culture, EIA, PCR and other molecular based assays



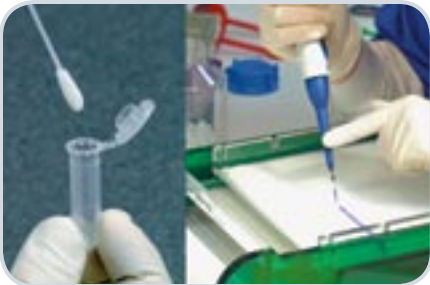
Revolutionary Liquid Based Transport for Microbiology

Collection and delivery of bacteriology samples  
FLOQSwabs™ by Copan combined with ESwab provide an innovative platform for collection and delivery of microbiology samples



Collection of DNA Samples for Forensic Applications

FLOQSwabs™ are certified DNase, RNase-Free and Human DNA-Free making them ideal for collection & transfer of minute amounts of DNA



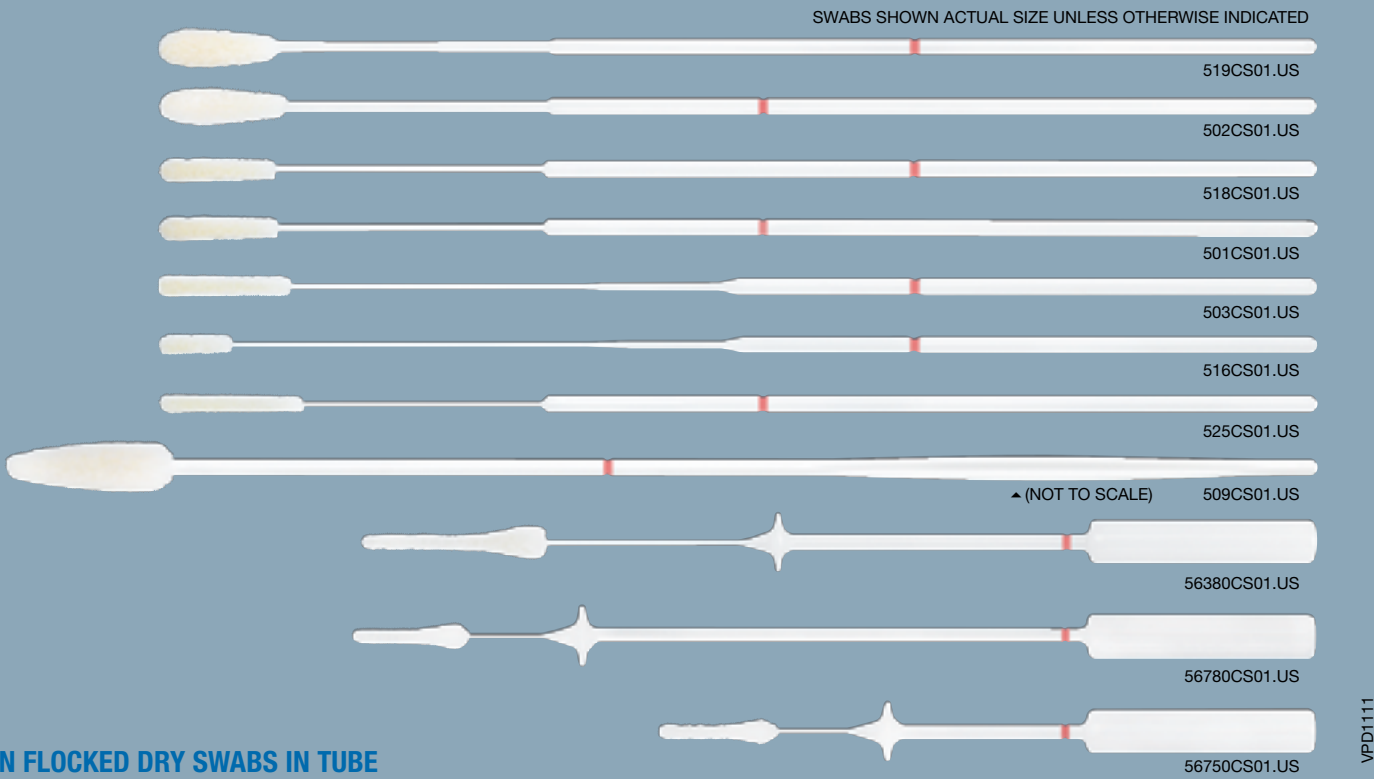
For more information on ESwab and UTM products, visit [www.copanusa.com](http://www.copanusa.com)

\* Data on file at Copan Diagnostics Inc.

[www.copanusa.com](http://www.copanusa.com)

NYLON FLOCKED DRY SWABS IN PEEL POUCH - individually wrapped

Cat. No.	Description	Breakpoint Distance	Packaging
519CS01.US	Regular flocked swab, nylon tip, plastic applicator, sterile, individually wrapped	100 mm	10 x 100pcs
502CS01.US	Regular flocked swab, nylon tip, plastic applicator, sterile, individually wrapped	80 mm	10 x 100pcs
518CS01.US	Minitip flocked swab, nylon tip, plastic applicator, sterile, individually wrapped	100 mm	10 x 100pcs
501CS01.US	Minitip flocked swab, nylon tip, plastic applicator, sterile, individually wrapped	80 mm	10 x 100pcs
503CS01.US	Flexible minitip flocked swab, nylon tip, plastic applicator, sterile, individually wrapped	100 mm	10 x 100pcs
516CS01.US	Ultra minitip flocked swab, nylon tip, plastic applicator, sterile, individually wrapped	100 mm	10 x 100pcs
525CS01.US	Ultra-thin flocked swab, nylon tip, plastic applicator, sterile, individually wrapped	80 mm	10 x 100pcs
509CS01.US	Endocervical flocked swab, nylon brush tip, sterile, molded breakpoint at 80mm individually wrapped	80 mm	10 x 50 pcs
56380CS01.US	Contoured flocked swab	80 mm	10 x 100pcs
56780CS01.US	Contoured flocked swab	80 mm	10 x 100pcs
56750CS01.US	Contoured flocked swab	50 mm	10 x 100pcs



NYLON FLOCKED DRY SWABS IN TUBE

Cat. No.	Description	Breakpoint Distance	Packaging
519C.US	Regular flocked swab, nylon tip, plastic applicator, sterile in dry tube	100 mm	10 x 100pcs
552C.US	Regular flocked swab, nylon tip, plastic applicator, sterile in dry tube	80 mm	10 x 100pcs
518C.US	Minitip flocked swab, nylon tip, plastic applicator, sterile in dry tube	100 mm	10 x 100pcs
551C.US	Minitip flocked swab, nylon tip, plastic applicator, sterile in dry tube	80 mm	10 x 100pcs
553C.US	Flexible minitip flocked swab, nylon tip, plastic applicator, sterile in dry tube	100 mm	10 x 100pcs
516C.US	Ultra minitip flocked swab, nylon tip, plastic applicator, sterile in dry tube	100 mm	10 x 100pcs
560C.US	Ultra-thin flocked swab, nylon tip, plastic applicator, sterile in dry tube	80 mm	10 x 100pcs



European Patent #1608268, Canadian Patent #2515205, Japanese Patent # 2007-523663, Australian Patent #2004226798, New Zealand Patent #541560, Chinese Patent #101103931, US Patent pending.



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COPAN

innovation in preanalytics

FLOQSwabs™  
by COPAN

COLLECTION | TRANSPORT | RECOVERY

