FLOQSwabs®

Preanalytics turning point

The swab that reinvented sample collection.

Copan
innovating together

A patented technology

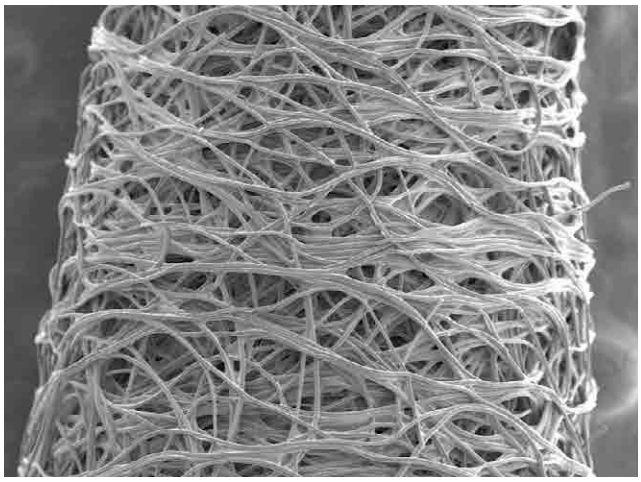
Why so special?

Copan conceived the **FLOQ® technology in 2003**, to answer the need of healthcare professionals for a more efficient sample collection. The main feature of this technology is the perpendicular arrangement of the short Nylon® fibers. This invention **revolutionized the preanalytical world**, bringing sampling to the next level.

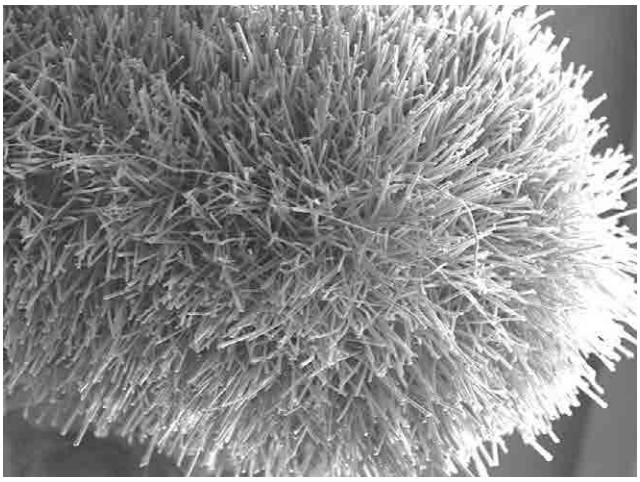
Structure

From FLOQ® to FLOQSwabs®

Applied on the tip of a plastic shaft, the FLOQ® technology gives life to our beloved FLOQSwabs®.
Unlike the structure of other swabs, this **ensures a quick, capillarity-driven sample uptake** and – thanks to the absence of a disorganized fiber structure trapping the sample – **a superior elution of the biological specimen**[1].



Microscope image of fiber swab



Microscope image of FLOQSwabs®

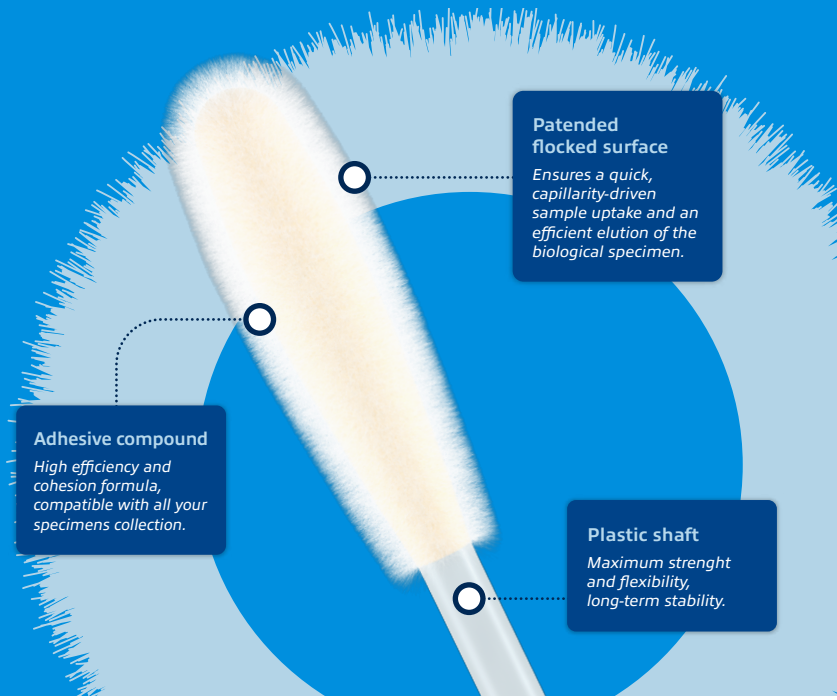
The flocked mark

Follow the FLOQ®!

This flocked circle identifies all the applications and products where our patented FLOQSwabs® are used, for example, all the transport media that can be paired with them! **Look for the mark in all our printed material and online content!**

FLOQSwabs®

FLOQSwabs® are made of a solid molded plastic applicator shaft with a tip, which can both vary in size and shape.
Thanks to their patented flocked tip, FLOQSwabs® ensure a flawless specimen collection, which **expands downstream diagnostic testing capabilities**[2].



The advantages

Preanalytics turning point

FLOQSwabs® brought many innovations in the preanalytical field, making healthcare professionals' wishes come true.

- Optimal absorption and release
- Designed for multiple collection sites
- Various shapes, shafts, and tips
- Combination with different media

Shafts and tips

Collection efficiency, operator safety

Supporting this new-fashioned tip, a **specially designed and customizable plastic shaft** endows FLOQSwabs® with the highest strength and flexibility. The shaft can also be provided with a **breaking point for a smooth release of the tip inside the tube** after specimen collection. Like the flocked tips, all our shafts have been designed and are manufactured in-house.

Keeping our star safe

Intellectual property

The products result from our constant innovation – like FLOQSwabs® – are of great value to us. That's why **we make every effort to obtain and maintain all necessary intellectual property rights** and utilize them effectively and fairly in growing our business.

A powerful tool...

Cut out for everyone

FLOQSwabs® nowadays offer **variable sizes, diameters, and tip shapes to be used in plenty of applications** and anatomical collection sites. This made FLOQSwabs® a well-tolerated alternative to invasive, painful, and costly collection procedures[3,4].
Do you have special needs? Customized FLOQSwabs® are also available upon request.

Media pairing

The perfect match

The combination of FLOQSwabs® with different Bacteriology and Virology transport media expands their flexibility even further. Whether you have a specific collection site, pathogen, or downstream application in mind, Copan will be able to suggest the best combination to suit your needs.

UTM®
Transport medium for collection, transport, and storage of viruses.

eSwab®
Collection and transport media for traditional bacteriology culture.

eNAT®
Inactivates microbial viability preserving nucleic acids for molecular assays.

Mswab®
Collection and preservation media optimized for molecular applications.

SRK®
Rapid, and simple system for surfaces' microbiological quality control.

Self-collection

Prevention is in your hands!

The simplicity and comfort of FLOQSwabs® paved the way for testing outside the point-of-care. To date, **Copan developed a product line specifically designed and intended for self-collection procedures**[5]. By removing practical issues - like travel, work commitments, emotional barriers, and cultural factors - self-sampling helped increase the attendance rate in many health programs[6,7,8].

Where to find FLOQSwabs®

A world of applications

Since 2003, microbiology and clinical sciences have evolved significantly. Accordingly, **Copan has expanded its swabs range to fit new applications**: the great flexibility and reliability of FLOQSwabs® are the key to their current global success in clinical laboratories, pharmaceutical and food companies, crime labs, and even as self-collection devices.
Discover in the field-dedicated brochures where FLOQSwabs® are used!

Clinical

FLOQSwabs® home game: viral, bacterial, and nucleic acid sample collection for clinical purposes.

Business Alliances

FLOQSwabs® proved to be the best ally of the diagnostic companies' finest products!

Industries

FLOQSwabs® technology applied to the food, pharma, and cosmetic industries.

Our Scientific references

All the independent studies we cited in this brochure are listed here.

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4. Carolynn DeByle, Lisa Bulkow, Karen Miernyk, et al. Comparison of nasopharyngeal flocked swabs and nasopharyngeal wash collection methods for respiratory virus detection in hospitalized children using real-time polymerase chain reaction. Journal of Virological Methods, 2012.
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