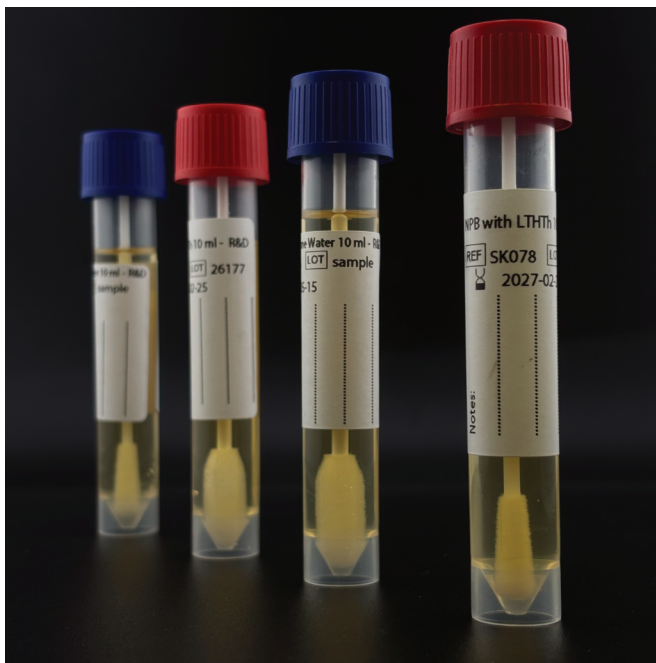


# Self-Contained Vials

- Sampling swab and rinse solution in one tube
- Highly efficient collection and recovery of microorganisms
- Selected swab tips for best sampling efficacy
- Perfectly moistened swabs for efficient sample collection, no risk of drying out
- Labelled tubes for easy sample identification and tracking
- Sterilised by E-Beam radiation

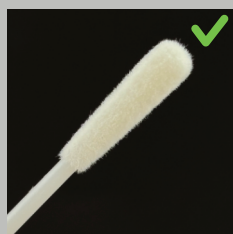


Effective environmental monitoring is the cornerstone of production safety, identifying microbial risks long before they compromise the final product. The accuracy of any laboratory analysis is strictly limited by the efficiency of the initial sampling step—if the microbes stay on the surface or trapped in the swab, the result is a false sense of security.

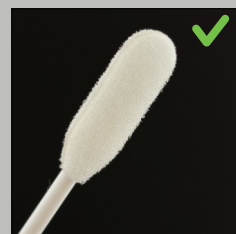
## SAMPLING SWABS



VISCOSE



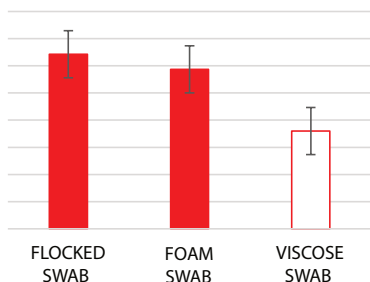
FLOCKED



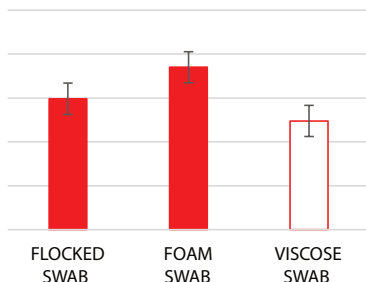
FOAM

Our innovative sampling solutions, featuring advanced **foam** and **flocked** technologies, are engineered to maximize biomass transfer compared to traditional materials. While flocked swabs offer excellent release properties, our foam technology provides unparalleled recovery rates, ensuring that even the most stubborn biofilms are captured and preserved in the rinsing liquid for reliable results.

### MICROBIAL RECOVERY FROM THE TIP MATERIAL



### MICROBIAL RECOVERY FROM THE SURFACE



### TECHNICAL ADVANTAGE:

**Ideal for membrane filtration - unlike fibrous materials, the foam tip does not shed particles. This prevents membrane clogging and eliminates interference with microscopic or visual readings, ensuring a clear field of view for accurate colony counting.**

## RINSE SOLUTIONS

Our sampling systems are available with a wide range of validated rinse fluids, ensuring compatibility with your specific laboratory standards and environmental conditions. We offer both 1 ml and 10 ml fill volumes to suit your enrichment and dilution requirements.

**1 ml:** Ideal for direct plating or when high concentration of the sample is required

**10 ml:** Perfect for standardized ISO methods and larger surface area sampling where multiple dilutions are needed

- **NPB (NEUTRALIZING PEPTONE BUFFER WITH LTHTh):** The ultimate solution for surfaces treated with sanitizers. Formulated with Lecithin, Tween 80, Histidine, and Sodium Thiosulfate (LTHTh) to effectively neutralize a broad spectrum of disinfectants, protecting the viability of captured microorganisms.
- **BPW (BUFFERED PEPTONE WATER):** The industry standard for the recovery of Salmonella and other Enterobacteriaceae, providing a stable pH and osmotic balance for sublethally injured cells.
- **MRD (MAXIMUM RECOVERY DILUENT):** An isotonic protective medium designed to maintain the viability of organisms during the critical time between sampling and analysis.
- **LETHEEN BROTH:** Specifically designed for testing surfaces where quaternary ammonium compounds (QACs) or other preservatives are present, ensuring no antimicrobial carry-over affects your results.



| Medium  | Key Application              | Neutralizing Properties | Available Volumes |
|---------|------------------------------|-------------------------|-------------------|
| NPB*    | Post-sanitization monitoring | High (Broad Spectrum)   | 1 ml / 10 ml      |
| BPW     | Pathogen enrichment (ISO)    | Standard Buffer         | 1 ml / 10 ml      |
| MRD     | General microbial counts     | Isotonic Support        | 1 ml / 10 ml      |
| Letheen | QACs neutralization          | Targeted (QACs/Phenols) | 1 ml / 10 ml      |

\*NPB contains LTHTh (Lecithin, Tween80, L-histidine, Sodium Thiosulfate)

### WHY CHOOSE OUR ENVIRONMENTAL SAMPLING SOLUTIONS?

In a high-stakes production environment, your results are only as good as your sampling tools. We combine material science with microbiological expertise to provide a system that leaves nothing to chance.

- **Unrivaled Recovery Rates:** Our foam and flocked technologies significantly outperform traditional viscose, ensuring maximum biomass transfer for even the lowest microbial loads.
- **Total Neutralization:** With our specialized **NPB (LTHTh)** and **Letheen** buffers, we eliminate antimicrobial carry-over, preventing false negatives after sanitation.
- **Optimized for Your Lab:** Whether you require **1 ml** for direct plating or **10 ml** for ISO-standard enrichments, our pre-filled volumes streamline your workflow and reduce manual errors.
- **Filter-Friendly Design:** Our non-linting foam tips are the perfect partner for membrane filtration, offering a clear field of view without the interference of shed fibers.

Elevate your monitoring program from "standard" to "superior."

## NOT SURE WHICH SOLUTION FITS YOUR PROTOCOL?

Selecting the right combination of swab material and neutralizing buffer is critical to avoiding false negatives. Whether you are dealing with aggressive quaternary ammonium compounds, chlorine-based sanitizers, or require high-volume sampling for ISO compliance, our team of experts is here to assist.

### Let us help you optimize your sampling plan:

- **Media Selection:** Choosing between NPB, Letheen, or BPW based on your specific disinfection residues.
- **Volume Optimization:** Determining if 1 ml or 10 ml best suits your laboratory workflow.
- **Material Validation:** Advice on when to use flocked swabs versus foam for maximum recovery.

Consult with our specialists today to ensure your environmental monitoring program is as robust as your production standards.



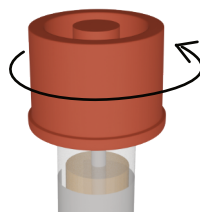
## INSTRUCTIONS FOR USE

1.



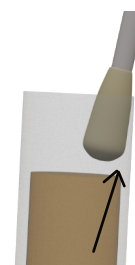
Choose the site to be sampled and place there a template for accurate results.

2.



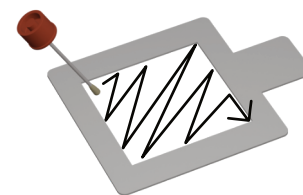
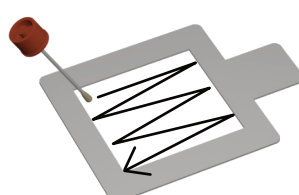
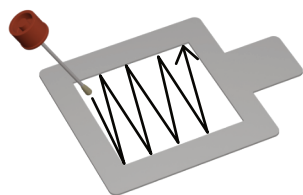
Hold the vial with HyCon Self-Contained firmly in one hand and with your free hand, gently unscrew the cap with the swab.

3.



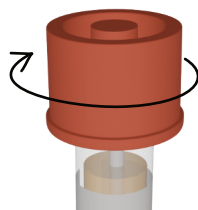
Lift the swab above the surface of the liquid and lightly squeeze the excess liquid onto the inside of the vial.

4.



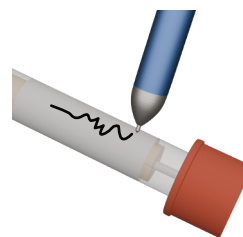
Hold the open vial in one hand and use your other free hand to collect the swab. Ensure the swab is used in 3 planes and remember about rotation of swab that the whole swab surface is used.

5.



After collecting the sample, place the swab back into the liquid and screw the cap back on.

6.



Record the sample data on the label and transport to laboratory.

## ORDERING INFORMATION

| Code         | Product Name                        | Description                                                                                        | Quantity Per Pack |
|--------------|-------------------------------------|----------------------------------------------------------------------------------------------------|-------------------|
| SK08310.0180 | Hy Con Self-Contained Vial FO/LTB10 | Self-contained vial with swab; 10 ml Lethen broth with foam swab.                                  | 180 pcs           |
| SK08310.0030 | Hy Con Self-Contained Vial FO/LTB10 | Self-contained vial with swab; 10 ml Lethen broth with foam swab.                                  | 30 pcs            |
| SK08210.0180 | Hy Con Self-Contained Vial FO/BPW10 | Self-contained vial with swab; 10 ml BPW (Buffered Peptone Water) with foam swab.                  | 180 pcs           |
| SK08210.0030 | Hy Con Self-Contained Vial FO/BPW10 | Self-contained vial with swab; 10 ml BPW (Buffered Peptone Water) with foam swab.                  | 30 pcs            |
| SK08201.0180 | Hy Con Self-Contained Vial FO/BPW01 | Self-contained vial with swab; 1 ml BPW (Buffered Peptone Water) with foam swab.                   | 180 pcs           |
| SK08201.0030 | Hy Con Self-Contained Vial FO/BPW01 | Self-contained vial with swab; 1 ml BPW (Buffered Peptone Water) with foam swab.                   | 30 pcs            |
| SK08110.0180 | Hy Con Self-Contained Vial FO/MRD10 | Self-contained vial with swab; 10 ml MRD (Maximum Recovery Diluent) with foam swab.                | 180 pcs           |
| SK08110.0030 | Hy Con Self-Contained Vial FO/MRD10 | Self-contained vial with swab; 10 ml MRD (Maximum Recovery Diluent) with foam swab.                | 30 pcs            |
| SK08101.0180 | Hy Con Self-Contained Vial FO/MRD01 | Self-contained vial with swab; 1 ml MRD (Maximum Recovery Diluent) with foam swab.                 | 180 pcs           |
| SK08101.0030 | Hy Con Self-Contained Vial FO/MRD01 | Self-contained vial with swab; 1 ml MRD (Maximum Recovery Diluent) with foam swab.                 | 30 pcs            |
| SK08010.0180 | Hy Con Self-Contained Vial FO/NPB10 | Self-contained vial with swab; 10 ml NPB (Neutralizing Peptone Buffer w. LTHTh) with foam swab.    | 180 pcs           |
| SK08010.0030 | Hy Con Self-Contained Vial FO/NPB10 | Self-contained vial with swab; 10 ml NPB (Neutralizing Peptone Buffer w. LTHTh) with foam swab.    | 30 pcs            |
| SK08001.0180 | Hy Con Self-Contained Vial FO/NPB01 | Self-contained vial with swab; 1 ml NPB (Neutralizing Peptone Buffer w. LTHTh) with foam swab.     | 180 pcs           |
| SK08001.0030 | Hy Con Self-Contained Vial FO/NPB01 | Self-contained vial with swab; 1 ml NPB (Neutralizing Peptone Buffer w. LTHTh) with foam swab.     | 30 pcs            |
| SK07901.0180 | Hy Con Self-Contained Vial FL/MRD01 | Self-contained vial with swab; 1 ml MRD (Maximum Recovery Diluent) with flocked swab.              | 180 pcs           |
| SK07901.0030 | Hy Con Self-Contained Vial FL/MRD01 | Self-contained vial with swab; 1 ml MRD (Maximum Recovery Diluent) with flocked swab.              | 30 pcs            |
| SK07810.0180 | Hy Con Self-Contained Vial FL/NPB01 | Self-contained vial with swab; 10 ml NPB (Neutralizing Peptone Buffer w. LTHTh) with flocked swab. | 180 pcs           |
| SK07810.0030 | Hy Con Self-Contained Vial FL/NPB01 | Self-contained vial with swab; 10 ml NPB (Neutralizing Peptone Buffer w. LTHTh) with flocked swab. | 30 pcs            |
| SK07801.0180 | Hy Con Self-Contained Vial FL/NPB01 | Self-contained vial with swab; 1 ml NPB (Neutralizing Peptone Buffer w. LTHTh) with flocked swab.  | 180 pcs           |
| SK07801.0030 | Hy Con Self-Contained Vial FL/NPB01 | Self-contained vial with swab; 1 ml NPB (Neutralizing Peptone Buffer w. LTHTh) with flocked swab.  | 30 pcs            |
| SK07401.0180 | Hy Con Self-Contained Vial FL/BPW01 | Self-contained vial with swab; 1 ml BPW (Buffered Peptone Water) with flocked swab.                | 180 pcs           |
| SK07401.0030 | Hy Con Self-Contained Vial FL/BPW01 | Self-contained vial with swab; 1 ml BPW (Buffered Peptone Water) with flocked swab.                | 30 pcs            |
| SK07301.0180 | Hy Con Self-Contained Vial FL/LTB10 | Self-contained vial with swab; 1 ml Lethen broth with flocked swab.                                | 180 pcs           |
| SK07301.0030 | Hy Con Self-Contained Vial FL/LTB10 | Self-contained vial with swab; 1 ml Lethen broth with flocked swab.                                | 30 pcs            |