

WHIRL-PAK[®]

HYDRATED SPONGE BAGS

Make environmental surface sampling faster and easier with these pre-moistened sponge bags. Each features a polyurethane sponge, pre-hydrated with HiCap™ Neutralizing Broth and is terminally gamma processed to guarantee sterility.



Hydrated PolySponge™

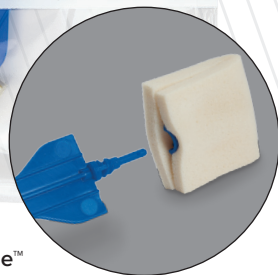


HICAP™
BROTH

POLYURETHANE
SPONGE



Hydrated PolyProbe™



Collection broths play a critical role in the success of an environmental monitoring program. HiCap™ (High Capacity) Neutralizing Broth is the first collection broth developed specifically for use in the food and beverage industry as an alternative to the traditional collection broths (Neutralizing Buffer, D/E Neutralizing Broth, and Letheen Broth), each of which suffers from some deficiency.

Medical-grade polyurethane sponge provides improved rigidity making it easier to handle and manipulate than a cellulose sponge. It also resists tearing and fraying, allowing for vigorous scrubbing on irregular surfaces to disrupt biofilm.

POLYSPONGE™ HYDRATED

Durable high-density polyurethane sponge is packed in a sealed 18-oz. (532 ml) write-on Whirl-Pak[®] bag and hydrated with 16 ml of HiCap™ Neutralizing Broth.

Box contains five foil pouches with 20 sponges each for a total of 100 units. Bags are 9" L x 4" W (23 x 11.5 cm) with a thickness of 2.5 mils (.064 mm).

Two-year shelf-life with ambient storage at 36°-86° F (2°-30° C).

B01590WA - PolySponge™

B01591WA - PolySponge™ with Glove

NOTE: To use the glove, tear off the glove pack along the perforation. The glove is folded with the wrist opening extended so that it can be extracted from the pouch and fitted without touching the hand and finger areas.

POLYPROBE™ HYDRATED

Ideal for collecting environmental surface samples without touching the sponge. The bendable polypropylene handle allows maximum contact of the sponge with the sampling surface and also helps with the collection of hard-to-reach surfaces, around corners, and irregular shaped areas. The innovative twist-off head holds the polyurethane sponge securely but is quick and easy to remove from the handle once sample collection is completed.

The PolyProbe™ is sealed in a 24 oz. (710 ml) write-on Whirl-Pak[®] bag and hydrated with 10 ml of HiCap™ Neutralizing Broth. Bags are 9" L x 6" W (23 x 15 cm) with a thickness of 2.5 mils (.064 mm).

Two-year shelf-life with ambient storage at 36°-86° F (2°-30° C).

B01592WA - PolyProbe™

WHIRL-PAK®

HICAP™ BROTH VS. TRADITIONAL COLLECTION BROTHS

CHARACTERISTIC	HICAP™ NEUTRALIZING BROTH	NEUTRALIZING BUFFER	LETHEEN BROTH	D/E NEUTRALIZING BROTH
Quat Neutralization	Highest	Moderate	Weakest	Highest
Free Chlorine Neutralization	Highest	Weakest	Moderate	Highest
High Acid Neutralization	Highest	Weakest	Weakest	Highest
Peroxyacetic Acid Neutralization	Highest	Weakest	Yes	Highest
All components listed on EAFUS as acceptable for use in food	Yes	No	Yes	No
All components compatible with 3M™ Petrifilm™	Yes	No	Yes	No
All components non-allergenic	Yes	Unknown	Unknown	No
Compatible with molecular detection assays	Yes	No	Yes	Yes
Stable at ambient storage temp.	Yes	Yes	Yes	Yes

Potential Benefits of POLYURETHANE SPONGES for ENVIRONMENTAL Surface Sampling

- 1. Non-Toxic:** Polyurethane sponges being used by Whirl-Pak® are non-toxic and do not contain biocides. Unlike the “wet” cellulose manufacturing process, there is no need to include biocides to control microbial growth during the polymerization process to produce polyurethane sponges.
- 2. Routinely Used in Medical Devices:** Unlike cellulose sponges, polyurethane sponges have a long history of use in medical products that are in contact with the body (e.g. wound dressing) or inside of the body (e.g. wound drainage) because of their non-toxic properties and other attributes such as tensile strength.
- 3. Batch to Batch Consistency:** The polyurethane sponges utilized by Whirl-Pak® are manufactured using high purity raw materials and well-controlled manufacturing processes. Consequently, the chemical and mechanical properties of the polyurethane sponges are consistent from batch to batch.
- 4. Strong; High Tensile Strength:** These polyurethane sponges are less susceptible to flaking and tearing when sampling an irregular and abrasive surface. Therefore, rigorous scrubbing of a rough surface can be done with minimal to no sponge fragmentation.
- 5. Good Water Absorbency and Retention:** The polyurethane sponges that Whirl-Pak® uses release liquid only under pressure. Consequently, the amount of liquid applied to a surface during sampling is comparable between cellulose and polyurethane sponges.