

# **WHIRL-PAK<sup>®</sup>** *Nasco* SAMPLING brand



## 2020 PRODUCT GUIDE

STERILIZED SAMPLE COLLECTION AND PROCESSING BAGS

Ideal for:

biomedical • dairy • environmental • food & beverage • forensic science • genetics  
industrial markets • medical • pharmaceutical • research • soil • surface • veterinary • water

Whirl-Pak<sup>®</sup> is proud to celebrate over 60 years as a trusted partner to our customers around the world by providing quality, dependable, sterilized sample and collection products.

Thank you for partnering with us as we continue our commitment to innovation by providing best-in-class features like post-manufacturing sterilization and puncture-proof closure tabs.

Because of you, our valued customers, Whirl-Pak<sup>®</sup> has become recognized as the *Gold Standard* in a world with critical and demanding sample integrity requirements.

At Whirl-Pak<sup>®</sup>, we believe in never sacrificing standards, whether in premium product quality, dedicated customer service, or our best-in-class guarantee.



**WHIRL-PAK<sup>®</sup>**  
results you can trust



WHIRL-PAK® STERILIZED BAGS  
AND ACCESSORIES  
SLUDGE JUDGE TOOLS

PGS. 4-19  
PGS. 22-25

Whirl-Pak® sterilized sampling bags are ideal for food & beverage, dairy, water, medical, veterinary, environmental, soil, and industrial markets as well as surface, forensic science, genetics, biomedical, and pharmaceutical sampling.

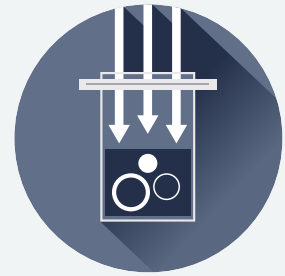
Whirl-Pak® sterilized sampling bags are R-Nase, D-Nase, Pyrogen and BPH free and comply with regulatory and industrial requirements:



Whirl-Pak® bags have been the professionals' trusted sampling bag for over 60 years and offer puncture-proof closure tabs, guaranteed sterility, easy identification, and a leak-proof closure you can rely on.



# STERILIZED SAMPLE COLLECTION & PROCESSING BAGS



## Whirl-Pak® features



- **Puncture-Proof Closure Tabs:** Eliminate sharp points which could puncture the bags, scratch a person's hands, or puncture gloves. The "PUNCTURE-PROOF TABS" process is patented under No. 5,180,229.



- **Guaranteed Sterilization:** +1 Sterilization® — process of sterilizing sealed cartons of Whirl-Pak® bags after manufacturing, which is completed at an independent ISO-certified facility.



- **Traceable Sterility:** Download sterility certificates from [whirl-pak.com](http://whirl-pak.com) using the lot number and master number on every box.



- **Film:** Exceptionally clear film and superior strength by using co-extrusion low-density and linear low-density, virgin polyethylene.



- **Leak-Proof Closure:** Whirling or folding the bag over three times and securing with the closure tabs creates a leak-proof sampling container.



- **Reduced Storage and Shipping:** Whirl-Pak® bags can save you \$\$\$ as they require less space vs. other sampling containers, which saves on shipping, storage, and waste costs.

# 500 BAGS VS. 500 BOTTLES

GUARANTEED STERILE  
Manufactured according to  
quality management systems  
ISO9001:2015 & \*ISO13485:2016

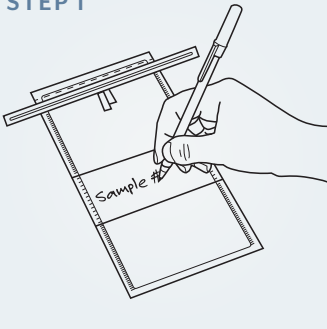
- o Uses less shelf space
- o Easier disposal
- o Durable
- o Lower shipping costs
- o Built-in closure
- o Lower total cost

\*Only bags in the industry  
ISO13485:2016 certified



## HOW DOES WHIRL-PAK® WORK?

STEP 1



Label your sample if  
using a write-on bag.

STEP 2



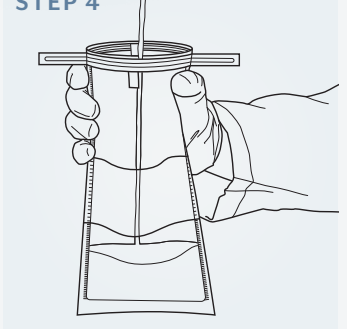
To open, tear off  
the top along the  
perforation.

STEP 3



Use the Tyvek® pull  
tabs to open without  
contamination.

STEP 4



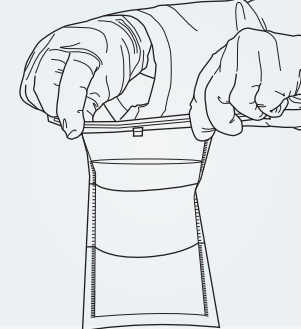
Place sample in bag.  
Perfect for liquids  
or solids.

STEP 5A



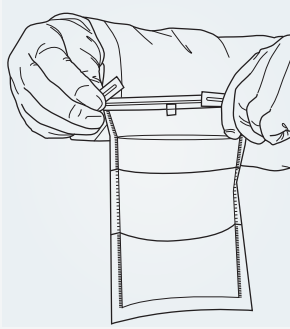
Hold bag by the  
tabs and whirl 3 to 4  
times to make a seal.

STEP 5B



Or, fold the tab  
over tightly 3 to 4  
times to close.

STEP 6A



Secure closure,  
bend wire ends.

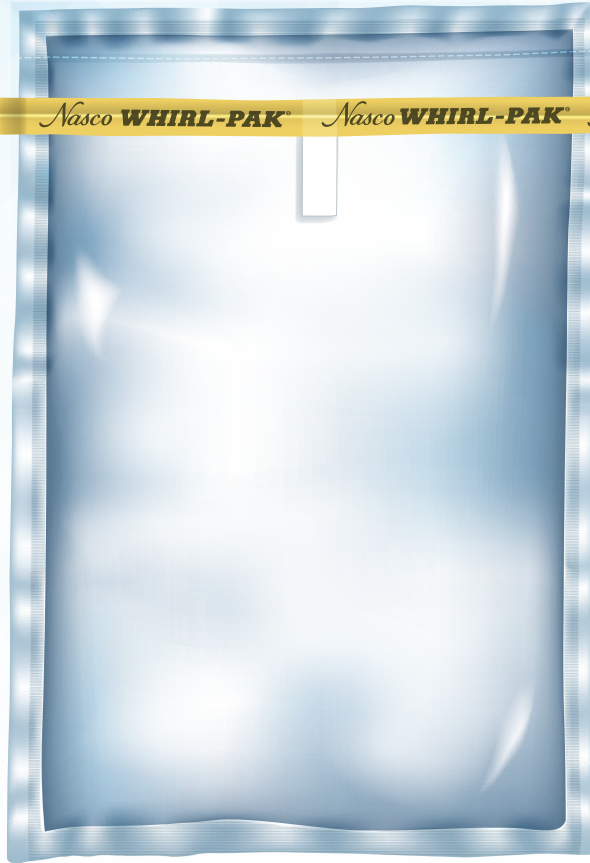
STEP 6B



Or, bring the two wire  
ends together and  
twist tie them.

# STANDARD BAGS

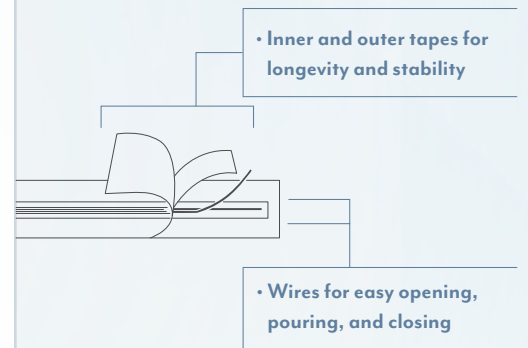
**L-PAK** *Nasco* **WHIRL-PAK** *Nasco* **WHIRL-PAK** *Nasco* **WHI**



Capacity is measured when the bag is closed and tab is folded over three times. Volume and dimensions are approximate.

Bags should not be used at temperatures above 180° F (82° C). Bags can be frozen to any temperature, even liquid nitrogen temperatures down to -346° F (-210° C) – careful handling is required after freezing.

## PUNCTURE-PROOF CLOSURE TABS



## STANDARD BAGS

| CAT. NO.       | WIRE STYLE | CAPACITY |          | SIZE          |                | THICKNESS | BAGS/BOX | COMPATIBLE RACK  |
|----------------|------------|----------|----------|---------------|----------------|-----------|----------|------------------|
|                |            | OZ.      | ML       | IN.           | CM             |           |          |                  |
| <b>B01009</b>  | Round      | 2 oz.    | 58 ml    | 3" W x 5" L   | 7.5 x 12.5 cm  | 2.25 mils | 500      | SEE PAGE 17      |
| <b>B00679</b>  | Round      | 4 oz.    | 118 ml   | 3" W x 7¼" L  | 7.5 x 18.5 cm  | 2.25 mils | 500      | A, B, C, E, G, I |
| <b>B00992</b>  | Round      | 7 oz.    | 207 ml   | 3¾" W x 7" L  | 9.5 x 18 cm    | 3 mils    | 500      | A, B, C, F, G, I |
| <b>B01018</b>  | Round      | 13 oz.   | 384 ml   | 5¼" W x 7½" L | 13 x 19 cm     | 3 mils    | 500      | D, F, H          |
| <b>B00736</b>  | Round      | 18 oz.   | 532 ml   | 4½" W x 9" L  | 11.5 x 23 cm   | 2.5 mils  | 500      | D, F             |
| <b>B01545*</b> | Round      | 18 oz.   | 532 ml   | 4½" W x 9" L  | 11.5 x 23 cm   | 2.5 mils  | 500      | D, F             |
| <b>B01255</b>  | Round      | 24 oz.   | 710 ml   | 6" W x 9" L   | 15 x 23 cm     | 2.5 mils  | 500      | D, F             |
| <b>B01020</b>  | Round      | 24 oz.   | 710 ml   | 6" W x 9" L   | 15 x 23 cm     | 3 mils    | 500      | D, I             |
| <b>B01063</b>  | Round      | 24 oz.   | 710 ml   | 6" W x 9" L   | 15 x 23 cm     | 4 mils    | 500      | D, H             |
| <b>B00990</b>  | Round      | 27 oz.   | 798 ml   | 5" W x 12" L  | 12.5 x 30.5 cm | 3 mils    | 500      | D, F, H          |
| <b>B00994</b>  | Round      | 36 oz.   | 1,065 ml | 5" W x 15" L  | 12.5 x 38 cm   | 3 mils    | 500      | D, F, H          |
| <b>B01027</b>  | Round      | 42 oz.   | 1,242 ml | 6" W x 15" L  | 15 x 38 cm     | 3 mils    | 500      | H                |
| <b>B01546*</b> | Round      | 42 oz.   | 1,242 ml | 6" W x 15" L  | 15 x 38 cm     | 3 mils    | 500      | H                |
| <b>B01532</b>  | Round      | 55 oz.   | 1,627 ml | 7½" W x 12" L | 19 x 30 cm     | 3 mils    | 500      | H                |
| <b>B01323</b>  | Round      | 69 oz.   | 2,041 ml | 7½" W x 15" L | 19 x 38 cm     | 3 mils    | 500      | H                |

\* Indicates steel wire closure, instead of aluminum.

## POST-MANUFACTURING STERILIZATION

- increased sample integrity
- perforated closure to maintain sterility



## OPENING PULL TABS

- for easy opening
- non-slip textured Tyvek®



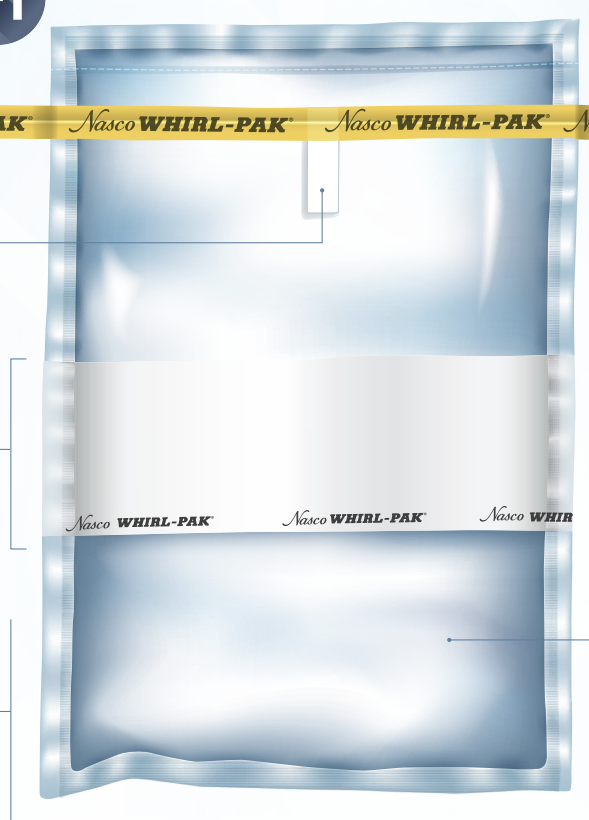
## CONVENIENT WRITE-ON STRIP

- makes labeling quick and easy
- clear sample identification
- for organization & traceability



## CONTINUOUS PERIMETER SEAL

- maximum protection against leaks



## TRUSTED, PUNCTURE-PROOF CLOSURE TABS

- tape extends beyond wire to eliminate sharp ends and provide a sturdy grip
- wire tabs hold the top open for easy access to add to or remove sample
- worry-free, no-leak closure for sample integrity



## BLENDED, VIRGIN POLYETHYLENE FILM

- exceptional clarity
- superior strength
- sterilized after manufacturing
- FDA approved for food contact



## WRITE-ON BAGS

| CAT. NO.      | WIRE STYLE      | CAPACITY |          | SIZE          |                | THICKNESS | BAGS/ BOX | COMPATIBLE RACK  |
|---------------|-----------------|----------|----------|---------------|----------------|-----------|-----------|------------------|
|               |                 | OZ.      | ML       | IN.           | CM             |           |           |                  |
|               |                 |          |          |               |                | MILS      |           | SEE PAGE 17      |
| <b>B01067</b> | Round           | 1 oz.    | 29 ml    | 2½" W x 5" L  | 6.5 x 12.5 cm  | 2.25 mils | 500       | A, B, C, E, I    |
| <b>B01064</b> | Round           | 2 oz.    | 58 ml    | 3" W x 5" L   | 7.5 x 12.5 cm  | 2.25 mils | 500       | A, B, C, E, I    |
| <b>B01339</b> | Flat            | 4 oz.    | 118 ml   | 3" W x 7¼" L  | 7.5 x 18.5 cm  | 2.25 mils | 500       | A, B, C, E, G, I |
| <b>B01062</b> | Round           | 4 oz.    | 118 ml   | 3" W x 7¼" L  | 7.5 x 18.5 cm  | 2.25 mils | 500       | A, B, C, E, G, I |
| <b>B01489</b> | Round           | 7 oz.    | 207 ml   | 3¾" W x 7" L  | 9.5 x 18 cm    | 2.5 mils  | 500       | A, B, C, E, G, I |
| <b>B01490</b> | Round           | 13 oz.   | 384 ml   | 5¼" W x 7½" L | 13 x 19 cm     | 2.5 mils  | 500       | D, F, H          |
| <b>B01065</b> | Round           | 18 oz.   | 532 ml   | 4½" W x 9" L  | 11.5 x 23 cm   | 2.5 mils  | 500       | D, F             |
| <b>B01341</b> | Flat            | 18 oz.   | 532 ml   | 4½" W x 9" L  | 11.5 x 23 cm   | 2.5 mils  | 500       | D, F             |
| <b>B01297</b> | Round           | 24 oz.   | 710 ml   | 6" W x 9" L   | 15 x 23 cm     | 3 mils    | 500       | D, H             |
| <b>B01196</b> | Round           | 24 oz.   | 710 ml   | 6" W x 9" L   | 15 x 23 cm     | 4 mils    | 500       | D, H             |
| <b>B01491</b> | Round           | 27 oz.   | 798 ml   | 5" W x 12" L  | 12.5 x 30.5 cm | 3 mils    | 500       | D, F, H          |
| <b>B01195</b> | Round           | 55 oz.   | 1,627 ml | 7½" W x 12" L | 19 x 30 cm     | 4 mils    | 500       | H                |
| <b>B01515</b> | Round           | 69 oz.   | 2,041 ml | 7½" W x 15" L | 19 x 38 cm     | 3 mils    | 500       | H                |
| <b>B01445</b> | 1 Flat, 1 Round | 92 oz.   | 2,721 ml | 10" W x 15" L | 25.4 x 38 cm   | 4 mils    | 250       | J                |
| <b>B01446</b> | 1 Flat, 1 Round | 123 oz.  | 3,637 ml | 10" W x 20" L | 25.4 x 50.8 cm | 4 mils    | 250       | K                |
| <b>B01447</b> | 1 Flat, 1 Round | 184 oz.  | 5,441 ml | 15" W x 20" L | 38 x 50.8 cm   | 4 mils    | 100       | L                |

- Flat wire provides a thicker tab, resulting in a heavier closure.
- For larger bags fold tab over tightly 4-5 times when closing.

(WT) White Tape (BT) Blue Tape (RT) Red Tape

Indicate color by letter code: B01062(WT)

# FULL-PAGE FILTER BAGS



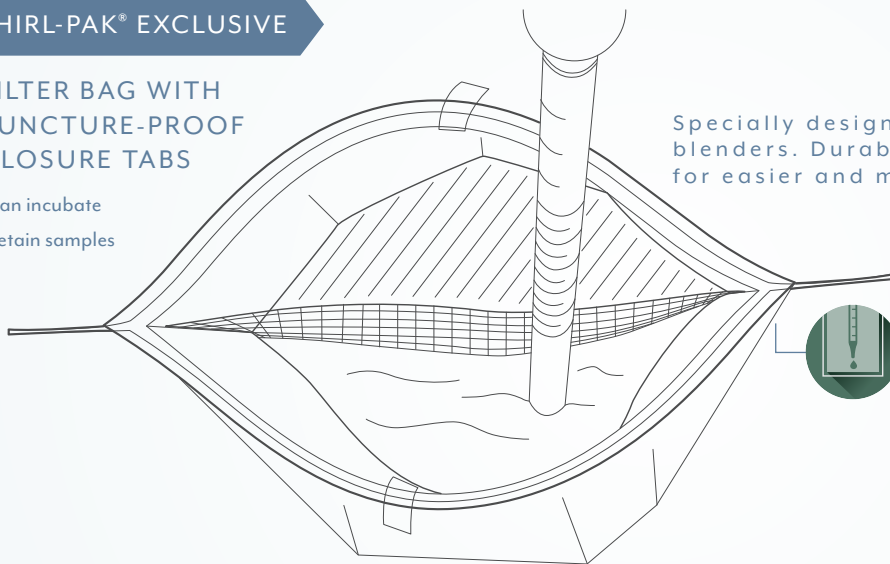
Full-page filter bags perfect for collecting, blending, and pipetting

Filter Bags contain a middle layer of finely perforated polyethylene film, which filters out solids in the blended sample, allowing for clean plate pipetting. The hole diameter in the filter layer measures .013 inches (.33 mm), 330 microns, and there are 1,840 holes per square inch (285 per square cm). The filter layer inside the bag is sealed into the sides and bottom perimeter, allowing the sample to be placed in the bag on either side. Liquids of a blended sample will transfer through the filter, while solids remain separate and contained.



**FILTER BAG WITH PUNCTURE-PROOF CLOSURE TABS**

- can incubate
- retain samples



Specially designed for use with homogenizer blenders. Durable PE film and special features for easier and more efficient testing.

**FULL-PAGE POLYETHYLENE FILTER**

- 330 micron filter layer
- available with or without closure
- collect, blend, and incubate samples with one bag



Filtered



Non-filtered

Filtered samples allows for clean plate pipetting so that you can count colonies instead of debris.

| CAT. NO.                   | WIRE STYLE      | CAPACITY |          | SIZE          |                | THICKNESS | BAGS/BOX |
|----------------------------|-----------------|----------|----------|---------------|----------------|-----------|----------|
|                            |                 | OZ.      | ML       | IN.           | CM             | MILS      |          |
| <b>B01385</b>              | Round           | 7 oz.    | 207 ml   | 3¾" W x 7" L  | 9.5 x 18 cm    | 3 mils    | 250      |
| <b>B01348</b>              | Round           | 24 oz.   | 710 ml   | 6" W x 9" L   | 15 x 23 cm     | 4 mils    | 250      |
| <b>B01547 (NO CLOSURE)</b> | No Wire         | 55 oz.   | 1,627 ml | 7½" W x 12" L | 19 x 30 cm     | 4 mils    | 250      |
| <b>B01318</b>              | Round           | 55 oz.   | 1,627 ml | 7½" W x 12" L | 19 x 30 cm     | 4 mils    | 250      |
| <b>B01416</b>              | Round           | 69 oz.   | 2,041 ml | 7½" W x 15" L | 19 x 38 cm     | 4 mils    | 250      |
| <b>B01488</b>              | 1 Flat, 1 Round | 92 oz.   | 2,721 ml | 10" W x 15" L | 25.4 x 38 cm   | 4 mils    | 100      |
| <b>B01525</b>              | 1 Flat, 1 Round | 138 oz.  | 4,080 ml | 15" W x 15" L | 37.5 x 37.5 cm | 4 mils    | 100      |

# THIO-BAGS®



EPA approved for more efficient microbiological water sampling.

Specifically designed for sampling chlorinated water from municipalities, swimming pools, waste water, and other areas to test for fecal coliforms or other bacteria. Each sterilized bag contains a nontoxic, nonnutritive tablet containing **active sodium thiosulfate** to neutralize chlorine at the time of collection. The bag is EPA approved and has the additional benefits of saving technician time, utility costs, storage space, and disposal costs by replacing other sample containers. Each sterilized bag has a convenient write-on strip.

## POST-MANUFACTURING STERILIZATION

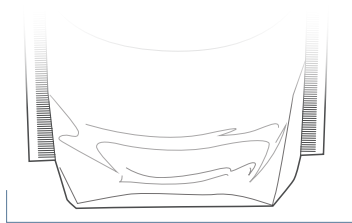
- increased sample integrity
- perforated closure to maintain sterility

## OPENING PULL TABS

- for easy opening
- non-slip textured Tyvek®

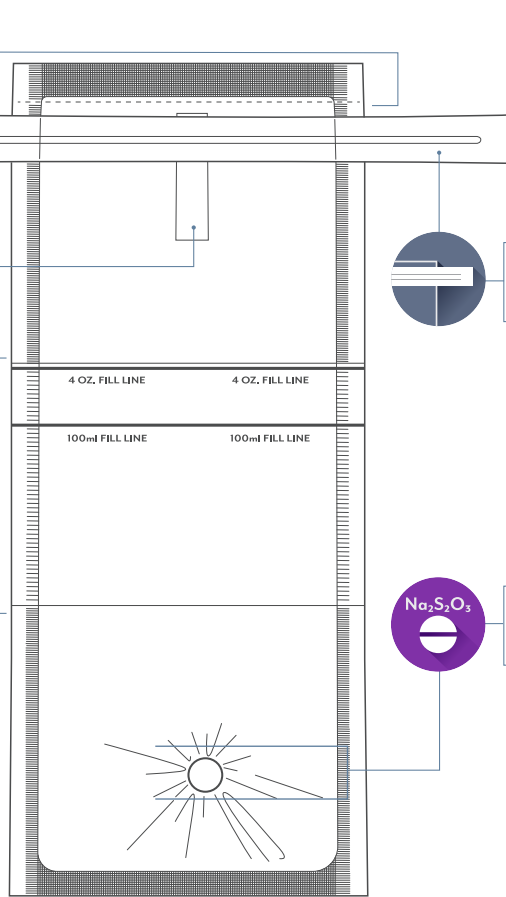
## CONVENIENT WRITE-ON STRIP

- makes labeling quick and easy
- clear sample identification
- fill lines for accurate sample measurement (some sizes come without fill lines)
- for organization & traceability



## STAND-UP BAGS

- self-standing gusseted bags eliminate the need for racks or holders



## TRUSTED, PUNCTURE-PROOF CLOSURE TABS

- worry-free, no-leak closure for sample integrity
- classic white with purple type closure for easy recognition
- wire tabs hold the top open for easy access to add to or remove sample



## THE TABLET IS ALREADY IN THERE

- manufactured with a sodium thiosulfate tablet in the bag for chlorine neutralization

## MORE EFFICIENT THAN TRADITIONAL METHODS

- save technician's time
- save on utility, storage, transportation, and disposal costs

## STAND UP BAGS

| CAT. NO.      | WIRE STYLE      | CAPACITY |          | SIZE             |               | THICKNESS | BAGS/POUCH | BAGS/BOX | COMPATIBLE RACK  |
|---------------|-----------------|----------|----------|------------------|---------------|-----------|------------|----------|------------------|
|               |                 | OZ.      | ML       | IN.              | CM            |           |            |          |                  |
|               |                 |          |          |                  |               |           |            |          | SEE PAGE 17      |
| <b>B01402</b> | Round           | 4 oz.    | 100 ml   | 3" W x 7 1/4" L  | 7.5 x 18.5 cm | 2.5 mils  | 25         | 100      | A, B, C, E, G, I |
| <b>B01403</b> | Round           | 10 oz.   | 300 ml   | 4 1/2" W x 9" L  | 11.5 x 23 cm  | 3 mils    | 25         | 100      | D, F             |
| <b>B01601</b> | 1 Flat, 1 Round | 17 oz.   | 500 ml   | 6" W x 9" L      | 15 x 23 cm    | 3 mils    | 25         | 100      | D, H             |
| <b>B01603</b> | 1 Flat, 1 Round | 34 oz.   | 1,000 ml | 6" W x 15" L     | 15 x 38 cm    | 4 mils    | 25         | 100      | H                |
| <b>B01604</b> | 1 Flat, 1 Round | 68 oz.   | 2,000 ml | 7 1/2" W x 15" L | 19 x 38 cm    | 4 mils    | 25         | 100      | H                |

## FLAT BAGS

| CAT. NO.      | WIRE STYLE | CAPACITY |        | SIZE            |               | THICKNESS | BAGS/POUCH | BAGS/BOX | COMPATIBLE RACK  |
|---------------|------------|----------|--------|-----------------|---------------|-----------|------------|----------|------------------|
|               |            | OZ.      | ML     | IN.             | CM            |           |            |          |                  |
|               |            |          |        |                 |               |           |            |          | SEE PAGE 17      |
| <b>B01040</b> | Round      | 4 oz.    | 100 ml | 3" W x 7 1/4" L | 7.5 x 18.5 cm | 2.25 mils | 25         | 100      | A, B, C, E, G, I |
| <b>B01254</b> | Round      | 10 oz.   | 300 ml | 4 1/2" W x 9" L | 11.5 x 23 cm  | 2.5 mils  | 25         | 100      | D, F             |

# STAND-UP BAGS

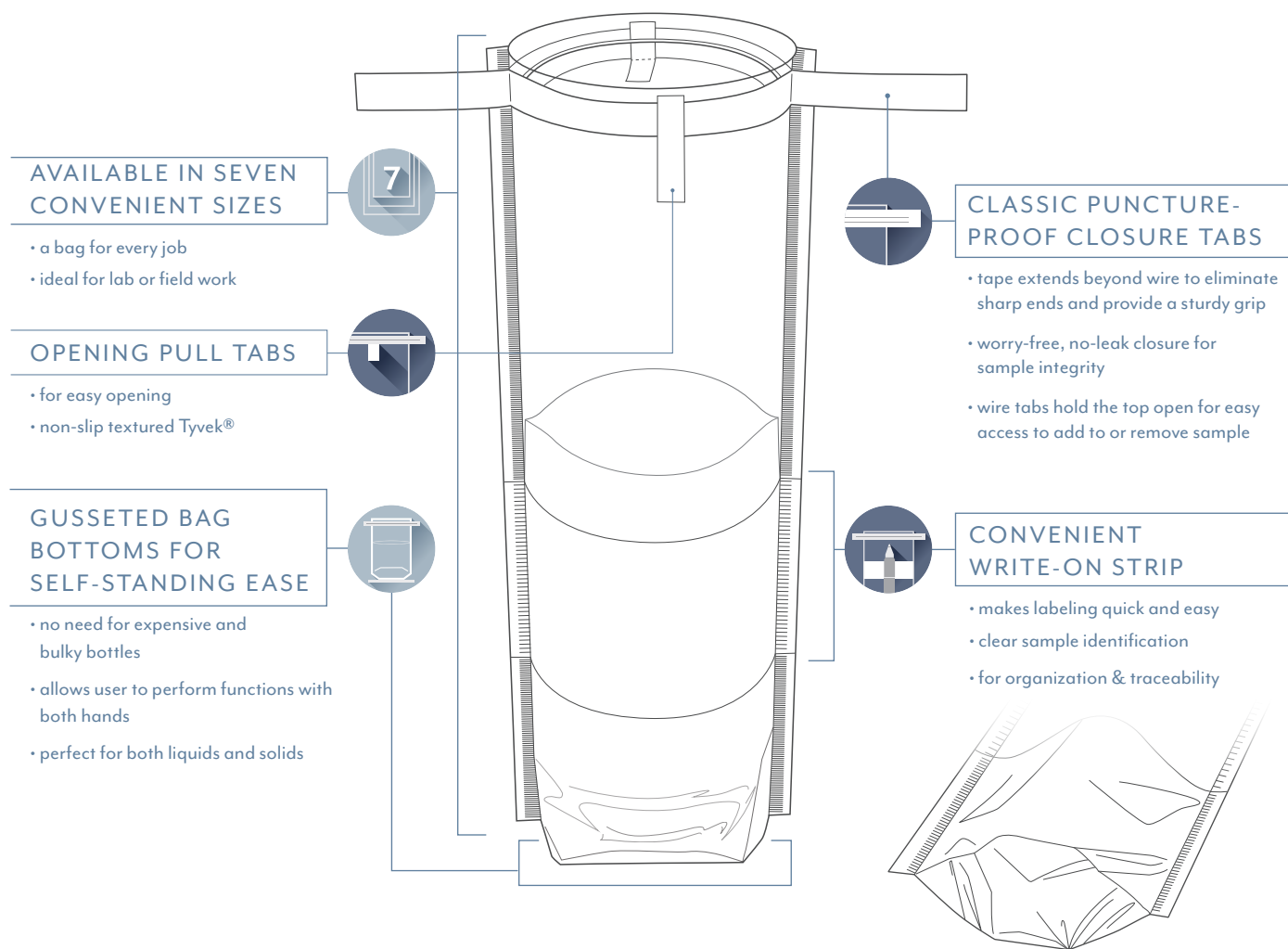


Works like a bottle  
without the cost and  
storage constraints

▣ These self-standing bags make sample handling easier as they give users the ability to perform important laboratory functions with both hands. The bottom of the gusseted bag unfolds when a sample is placed inside, allowing the bag to stand upright. Stand-up bags function just like a bottle; however, they cost less, come sterilized, are shatterproof, and use only a fraction of the storage and disposal space required by hard-sided containers.

# more efficient than bottles

- saves space and money
- durable
- guaranteed sterile
- reduced disposal costs
- easy to recycle



## AVAILABLE IN SEVEN CONVENIENT SIZES

- a bag for every job
- ideal for lab or field work

## OPENING PULL TABS

- for easy opening
- non-slip textured Tyvek®

## GUSSETED BAG BOTTOMS FOR SELF-STANDING EASE

- no need for expensive and bulky bottles
- allows user to perform functions with both hands
- perfect for both liquids and solids

## CLASSIC PUNCTURE-PROOF CLOSURE TABS

- tape extends beyond wire to eliminate sharp ends and provide a sturdy grip
- worry-free, no-leak closure for sample integrity
- wire tabs hold the top open for easy access to add to or remove sample

## CONVENIENT WRITE-ON STRIP

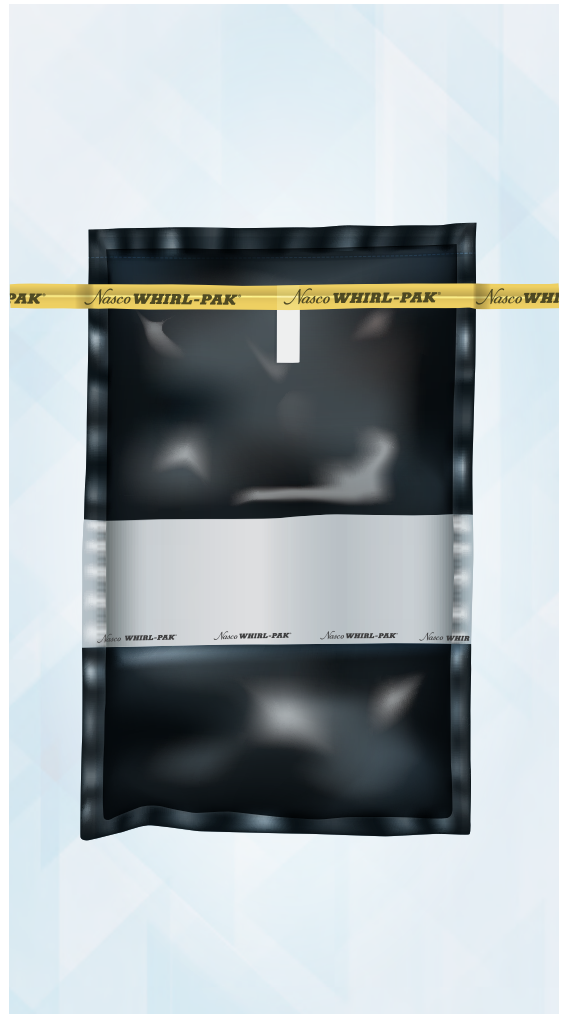
- makes labeling quick and easy
- clear sample identification
- for organization & traceability

| CAT. NO. | WIRE STYLE      | CAPACITY |          | SIZE          |               | THICKNESS | BAGS/BOX | COMPATIBLE RACK |
|----------|-----------------|----------|----------|---------------|---------------|-----------|----------|-----------------|
|          |                 | OZ.      | ML       | IN.           | CM            |           |          |                 |
| B01364   | Round           | 4 oz.    | 118 ml   | 3" W x 7¼" L  | 7.5 x 18.5 cm | 2.5 mils  | 500      | SEE PAGE 17     |
| B01365   | Round           | 18 oz.   | 532 ml   | 4½" W x 9" L  | 11.5 x 23 cm  | 3 mils    | 500      | D, F            |
| B01401   | Round           | 24 oz.   | 710 ml   | 6" W x 9" L   | 15 x 23 cm    | 3 mils    | 500      | D, H            |
| B01449   | 1 Flat, 1 Round | 36 oz.   | 1,065 ml | 5" W x 15" L  | 12.5 x 38 cm  | 4 mils    | 250      | D, F, H         |
| B01450   | 1 Flat, 1 Round | 42 oz.   | 1,242 ml | 6" W x 15" L  | 15 x 38 cm    | 4 mils    | 250      | J, K            |
| B01451   | 1 Flat, 1 Round | 69 oz.   | 2,041 ml | 7½" W x 15" L | 19 x 38 cm    | 4 mils    | 250      | J, K            |
| B01542   | 1 Flat, 1 Round | 138 oz.  | 4,080 ml | 15" W x 15" L | 38 x 38 cm    | 4 mils    | 100      | L               |

# SPECIALTY BAGS



WHIRL-PAK® EXCLUSIVE SCOOP BAG



Solutions for all your sampling needs

From blackout material to the inclusion of sterile tools, these specialty bags are designed with specific features to make sample collection in every industry convenient and more efficient.



### WHIRL-PAK® SPOON BAG

18-oz. (532 ml) write-on bag contains a sterile, disposable polystyrene plastic spoon of approximately 1 teaspoon capacity. Box of 100.

**B01478**

5 pkgs of 20. Box of 100.

### WHIRL-PAK® SCOOP BAG

The 2-oz. (60 cc) polypropylene scoop measures 7" (18.5 cm) long, and comes sterilized in an 18-oz. (532 ml) bag. Film thickness: 2.5 mils (.064 mm). Box of 50 bags.

**B01350** White Scoop

**B01350(B)** Blue Scoop



### NASCO MEAT/POULTRY CARCASS SAMPLING KIT

Contains a pair of sterile polyethylene gloves, 25 ml buffered peptone water (**the peptone water has an expiration date marked on the box**), a sterile Whirl-Pak® Speci-Sponge® bag, and two disposable sterile templates, one for meat carcasses (10 x 10 cm) and one for poultry (5 x 10 cm). The disposable template eliminates the need for re-sanitizing reusable templates, saving time and money. The flexible heavy paper templates form to the contours of the carcass, making it easier to swab within the required area. The gloves and templates are packaged together in a sealed plastic bag that has a perforation for easy opening.

**Box of 25 kits.**

**B01324**



### WHIRL-PAK® BLACK BAG

This opaque bag provides maximum protection for samples that are sensitive to light. Ideal for pharmaceuticals, spinal fluid, amniotic fluid, seasonings, flavors, food supplements, vitamins, marine life, and many other liquid or solid samples. FDA approved for food contact. Box of 500 bags.

**B01472 4 oz. (118 ml).** Film thickness 2.5 mils (.064 mm).

**B01418 18 oz. (532 ml).** Film thickness 2.5 mils (.064 mm).

**B01558 55 oz. (1,627 ml).** Film thickness 4.0 mils (.102 mm).

### POCKET BAG

The pocket on this 24-oz. (710 ml) bag measures 5 $\frac{3}{8}$ " W x 5 $\frac{3}{8}$ " L (13.7 x 14.2 cm) and keeps important paperwork dry, clean, and separate from the sample. Bag measures 6" W x 9" L (15 x 23 cm). Film thickness: 2.5 mils (.064 mm). Box of 500 bags.

**B01255**



### NASCO POULTRY RINSE BAG

For use following USDA instructions for poultry sampling, testing for E. coli., this polyethylene bag measures 15" W x 20" L (37.5 x 50 cm), is sealed at the top to maintain sterility, and has a perforation for easy opening. Holds small turkeys, chickens, and other similar size poultry. Film thickness: 2.0 mils (.051 mm). Box of 250 bags.

**B01319**



# SAMPLE PROCESSING BAGS

## PLAIN BLENDER BAGS

When the sample does not have to be retained, these bags are designed for quick testing and disposal. The bags are made of Whirl-Pak® film, have a perimeter seal, and are sealed at the top. There is a perforation for easy opening and to protect sterility, which allows for separate handling of each bag.

### 7½" W x 12" L (19 x 30 cm).

55 oz. (1,627 ml). Thickness 3.0 mils (.076 mm). Box of 1,000 bags.

**B01421**

### 15" W x 20" L (37.5 x 50 cm).

184 oz. (5,441 ml). Thickness 4.0 mils (.102 mm). Box of 250 bags.

**B01474**



## LOCKING CLOSURES

These handy, cost-effective locking pipes provide an air- and watertight closure for bags without traditional tape and wire closure. Autoclavable. Pack of 50 nonsterile closures.

**9" Pipe Closures.** Use these locking pipes with 55 oz. (1,627 ml) and 69 oz. (2,041 ml) blender bags without tape and wire closure to save money. Yellow pipe is 9" L; white pipe is 7¾" L.

**B01550**

**7¼" Pipe Closures.** Yellow pipe is 7¼" L; white pipe is 6¾" L.

**B01595**



## ROUND BOTTOM SEAL

Designed to minimize sample fragments getting caught in the corners of the bag during blending. 52 oz. (1,538 ml). 7" W x 13" L (18.5 x 33 cm). Thickness 4 mils. Box of 500.

**B01239**



## NASCO PIPETTE FILTER SLEEVE

Prevents solids from plugging the tip of the pipette when sampling liquids that may contain solid particles. Half of the sleeve is made with the 330 micron hole size filter material. The pipette slides into the sterilized sleeve and is inserted into the liquid to be tested. The liquid will pass through the filter, but not the solids. The sleeve is sized to hold a 10 ml pipette. Each pack of 25 comes packaged in a sterilized Whirl-Pak® bag, which can be closed after each use. Box of 20 packs (500 sleeves).

**B01523**



# WHIRL-PAK® RACKS



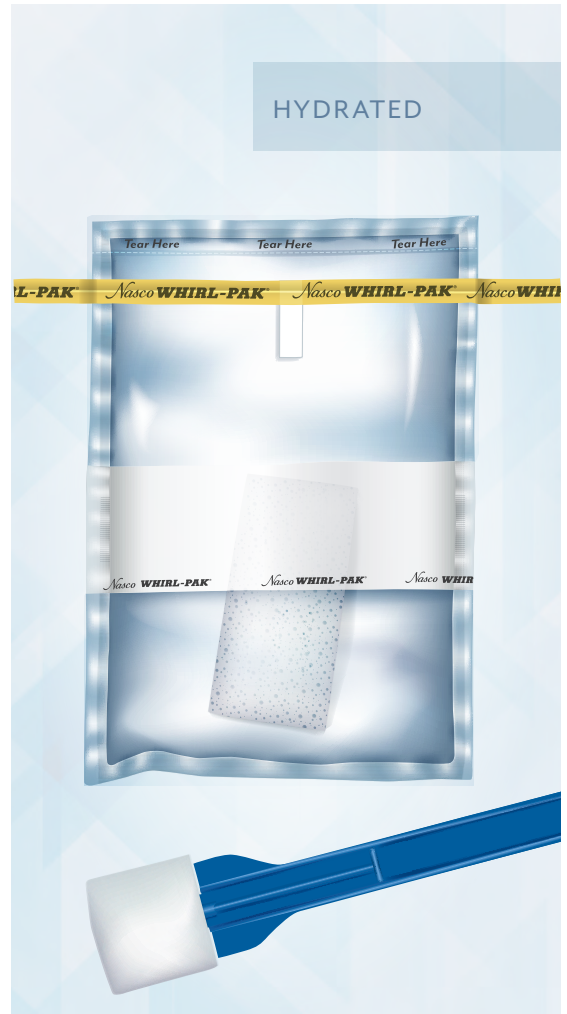
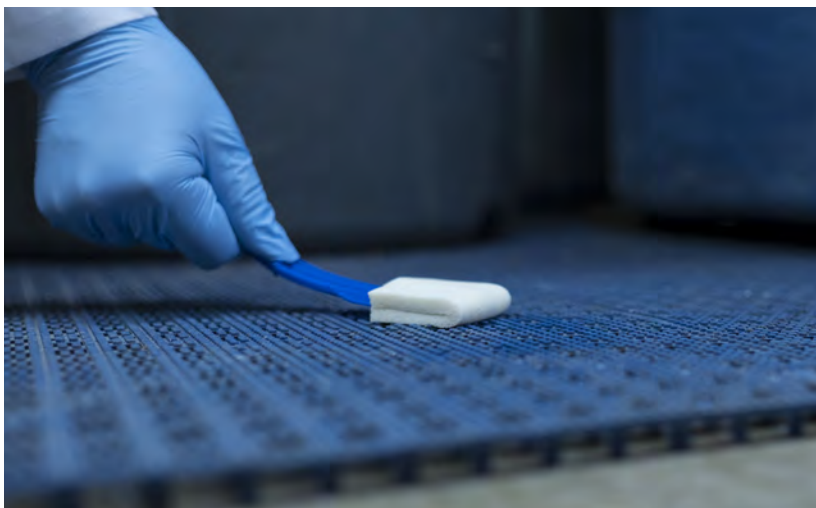
▽ Specially designed to hold various sizes of Whirl-Pak® bags. Made in the U.S.A. of 10- and 12-gauge steel fused together to create strong joints and straight lines. Racks are finished with an electrostatically applied powder coating. The result is a strong, durable finish which will stand up to many laboratory materials, and racks that can be autoclaved. Max dry temperature is 300° F (148° C) and wet temperature is 500° F (260° C). The B01048 rack can also be used for plate incubation by turning it on one side.

| RACK CAT. NO.  | RACK SIZE        |                    | COMPARTMENTS | COMPARTMENT SIZE |                    |
|--|------------------|--------------------|--------------|------------------|--------------------|
|  | IN.              | CM                 |              | IN.              | CM                 |
| <b>A. B00677</b>                                       | 6½" x 12½" x 3"  | 16.5 x 31.8 x 7.6  | 21           | 1⅝" x 2"         | 4 x 5              |
| <b>B. B00678</b>                                       | 6½" x 9" x 3"    | 16.5 x 23 x 7.6    | 15           | 1⅝" x 2"         | 4 x 5              |
| <b>C. B00750</b>                                       | 9¾" x 10⅝" x 3"  | 24.8 x 27 x 7.6    | 30           | 1½" x 2"         | 3.8 x 5            |
| <b>D. B00751</b>                                       | 10" x 10" x 3½"  | 25.4 x 25.4 x 9    | 12           | 3" x 2⅞"         | 7.6 x 6            |
| <b>E. B00772</b><br>Fits regular-size Playmate® Cooler | 6½" x 10¾" x 3"  | 16.5 x 27.3 x 7.6  | 18           | 1⅝" x 2"         | 4 x 5              |
| <b>F. B01014</b>                                       | 13⅜" x 10⅞" x 4" | 34 x 27 x 10.2     | 20           | 2½" x 2½"        | 6.4 x 6.4          |
| <b>G. B01023</b>                                       | 6½" x 12¾" x 3"  | 16.5 x 32.4 x 7.6  | 18           | 2" x 2"          | 5 x 5              |
| <b>H. B01048</b>                                       | 13¾" x 9¼" x 4½" | 35 x 23.5 x 11.4   | 6            | 4½" x 4½"        | 11.4 x 11.4        |
| <b>I. B01109</b><br>Fits little Playmate® Cooler       | 8¼" x 6" x 3¼"   | 21 x 15.2 x 8.3    | 15           | 1¾" x 1½"        | 4.4 x 3.8          |
| <b>J. B01533 With handle</b>                           | 7" dia. x 10" H  | 17.8 dia. x 25.4 H | 1            | 7" dia. x 10" H  | 17.8 dia. x 25.4 H |
| <b>K. B01534 With handle</b>                           | 7" dia. x 12" H  | 17.8 dia. x 30 H   | 1            | 7" dia. x 12" H  | 17.8 dia. x 30 H   |
| <b>L. B01535 With handle</b>                           | 9" dia. x 12" H  | 23 dia. x 30 H     | 1            | 9" dia. x 12" H  | 23 dia. x 30 H     |



Racks E and I fit Playmate® Coolers

# POLYURETHANE SPONGE BAGS



HYDRATED

Welcome to the  
next generation in  
environmental surface  
sampling

▲ Specially designed for use in the food and beverage industry, these polyurethane sponge bags pre-hydrated with HiCap™ Neutralizing Broth provide surface sampling solutions superior to standard collection methods. Medical-grade polyurethane sponges are non-toxic, super absorbent, and more resistant than traditional cellulose sponges, making them ideal for sampling rough surfaces. Hicap™ Neutralizing Broth outperforms traditional broths. It provides superior neutralization, is validated up to 72 hours, is nonallergenic, has a two-year shelf life, and is compatible with 3M™ Petrifilm™.

# benefits of polyurethane sponges

allergen free – no animal components  
 non-toxic – no biocides  
 consistent – synthetic & high quality  
 strength – resistant to tears  
 better absorbency and retention  
 neutralizes sanitizing solutions

## WHIRL-PAK® HYDRATED POLYSPONGE™ BAGS

Each sponge is packed in a sealed 18-oz. (532 ml) write-on bag and is hydrated with 10 ml of HiCap™ Neutralizing Broth. Terminally gamma processed to guarantee sterility. Box contains five foil pouches with 20 sponges each for a total of 100 sponges. Bags are 4½" W x 9" L (11.5 x 23 cm) with a thickness of 2.5 mils (.064 mm). Two-year shelf-life with ambient storage at 36°–86° F (2°–30° C).

- B01590 Without Glove.**
- B01591 With Sterile Glove.**



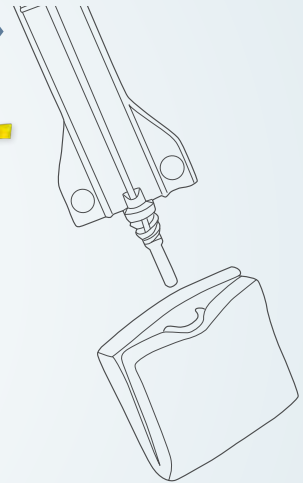
## HEAVY-DUTY HANDLE DESIGNED TO HELP CUT THROUGH BIOFILMS

### WHIRL-PAK® HYDRATED POLYPROBE™

The 8" (20.3 cm) long 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 irregularly shaped areas. The innovative twist-off head holds the polyurethane sponge securely and 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 6" W x 9" L (15 x 23 cm) with a thickness of 2.5 mils (.064 mm). Two-year shelf life with ambient storage at 36°–86° F (2°–30° C). Box contains five foil pouches with 20 probes each for a total of 100 probes.

**B01592**



HiCap™ is a trademark of World Bioproducts, LLC.

HICAP™  
BROTH

VS.

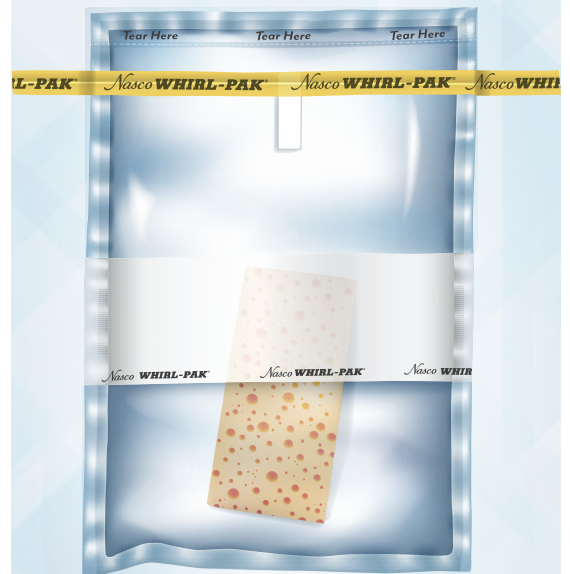
TRADITIONAL  
COLLECTION  
BROTHS

| 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                   | Yes                 | Yes           | Highest                |
| All components listed on EAFUS as acceptable for use in food | Yes                       | Yes                 | Yes           | No                     |
| All components compatible with 3M™ Petrifilm™                | Yes                       | Yes                 | Yes           | No                     |
| All components nonallergenic                                 | Yes                       | Unknown             | Unknown       | No                     |
| Compatible with molecular detection assays                   | Yes                       | Yes                 | Yes           | Yes                    |
| Stable at ambient storage temp.                              | Yes                       | Yes                 | Yes           | Yes                    |

# CELLULOSE SPONGE BAGS



HYDRATED OR DRY



An environmental surface sampling standard

▣ Designed for environmental surface sampling of work areas, equipment, animal carcasses, and any other place where testing for *Listeria*, *Salmonella*, *E.coli*, coliforms and other foodborne pathogens, or anthrax is required. The special natural cellulose dry sponge is free of bactericides and has been tested to be non-inhibitory. Wearing a sterile glove when wiping with the sponge is recommended to help prevent contamination.

### WHIRL-PAK® SPECI-SPONGE® (HYDRATED)

Cellulose sponge, hydrated with 10 ml of neutralizing buffer. The buffer will neutralize surface sanitizers, including quaternary ammonium compounds, phenolics, iodine preps, chlorine preps, mercurials, formaldehyde, and glutaraldehyde.

B01423 contains a size large, sterile glove in a separate compartment. Both bags are 4½" W x 9" L (11.5 x 23 cm) with 18 oz. (532 ml) capacity, and 2.5 mils (.064 mm) film thickness. Gamma radiated. Box of 100.

Diluent has a 24-month shelf life from the date of manufacture. Neutralizing buffer contains monopotassium phosphate, sodium thiosulfate, and aryl sulfonate complex.

- B01422 Without Glove.**
- B01423 With Sterile Glove.**



### USE YOUR OWN BUFFER

### WHIRL-PAK® SPECI-SPONGE® (DRY)

18-oz. (532 ml) Spec-Sponge® Bag  
Size: 4½" W x 9" L (11.5 x 23 cm).  
Film thickness: 2.5 mils (.064 mm). Box of 100.

**B01245**  
55-oz. (1,627 ml) Spec-Sponge® Bag Size: 7½" W x 12" L (19 x 30 cm) – perfect for use with homogenizer blenders.  
Film thickness: 4.0 mils (.102 mm). Box of 100.

**B01299**  
18-oz. Spec-Sponge® Bag with Sterile Glove  
Includes a sterile, size large polyethylene glove attached in a bottom compartment.  
Bag thickness is 2.5 mils (.064 mm).  
Bag size: 4½" W x 9" L (11.5 x 23 cm). Box of 100.

**B01392**



### USE YOUR OWN BUFFER

### WHIRL-PAK® SPONGE PROBE (DRY)

The 8" (20.3 cm) long 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 irregularly shaped areas. The innovative twist-off head holds the cellulose sponge securely and is quick and easy to remove from the handle once sample collection is completed. Sterilized 24-oz. (710 ml) write-on bag. Box of 50.

**B01475**



## accessories



### NASCO SPONGE POLE WITH DETACHABLE SPONGE HOLDER

For hard to reach places, the adjustable aluminum pole extends from 6 ft. (1.83 m) to 12 ft. (3.66 m) long. Sponge holder is autoclavable. Optional Probe Adapter (B01593) sold separately. Sponges not included.

**B01457**

**B01559 Replacement Sponge Holder.**

**B01351 Non-Sterile Bulk Sponges.**  
Bag of approximately 250.

**Probe Adapter.** Designed for use with the Whirl-Pak® Sponge Probe or PolyProbe™. Threaded aluminum adapter can be easily and securely attached to most available extension poles in the market, including the Nasco Sponge Pole (B01457).

**B01593**

| CAT. NO.      | WIRE STYLE | STYLE            | CAPACITY |          | SIZE          |              | THICKNESS | BAGS/BOX |
|---------------|------------|------------------|----------|----------|---------------|--------------|-----------|----------|
|               |            |                  | OZ.      | ML       | IN.           | CM           |           |          |
| <b>B01245</b> | Round      | Dry              | 18 oz.   | 532 ml   | 4½" W x 9" L  | 11.5 x 23 cm | 2.5 mils  | 100      |
| <b>B01299</b> | Round      | Dry              | 55 oz.   | 1,627 ml | 7½" W x 12" L | 19 x 30 cm   | 4 mils    | 100      |
| <b>B01392</b> | Round      | Dry w/glove      | 18 oz.   | 532 ml   | 4½" W x 15" L | 11.5 x 38 cm | 2.5 mils  | 100      |
| <b>B01475</b> | Round      | Dry Sponge Probe | 24 oz.   | 710 ml   | 6" W x 9" L   | 15 x 23 cm   | 3 mils    | 50       |
| <b>B01422</b> | Round      | Hydrated         | 18 oz.   | 532 ml   | 4½" W x 9" L  | 11.5 x 23 cm | 2.5 mils  | 100      |
| <b>B01423</b> | Round      | Hydrated w/glove | 18 oz.   | 532 ml   | 4½" W x 15" L | 11.5 x 38 cm | 2.5 mils  | 100      |

# SAMPLING COLLECTION TOOLS



## Collection Tools

---

A variety of specially designed tools and accessories to make sample collection in any industry easy and accurate.



### NASCO SLUDGE NABBER

Make sample collection of liquids fast and easy. Adjustable aluminum pole that extends from 4 to 6½ feet (1.22 to 1.99 m). Bottles of various sizes (250 ml to 1,000 ml) can be placed on a polyurethane base and held in place by an adjustable, plastic locking ring. Sanitize only. Do not autoclave. Unit comes with one 500 ml polyethylene bottle. See accessories below. One-year warranty.

**B01229**



**B01310**

**B01456**

### NASCO SWING SAMPLER

- The end of the sampler swings 90°.
- Telescoping fiberglass pole extends to various lengths.
- Unit comes with a 960 ml polyethylene bottle and the cover has a vinyl liner for leak-proof protection. Bottles of various sizes (250 ml to 1,000 ml) can be placed on a polyurethane base and held in place by an adjustable, plastic locking ring. Sanitize only. Do not autoclave. One-year warranty.

#### 6 ft.-12 ft. (1.83 m-3.66 m) Swing Sampler.

**B01310**

#### 8 ft.-24 ft. (2.44 m-7.32 m) Swing Sampler.

**B01366**

### REPLACEMENT PARTS

#### 6 ft.-12 ft. Pole Plastic Grip.

**B01529**

#### 6 ft.-12 ft. Pole Lock Replacement.

For use with B01310 and B01367.

**B01456**

#### 8 ft.-24 ft. Pole Lock Replacement. For use with B01366.

**B01527**

#### Replacement Threaded Tip. For use with 6-ft. and 8-ft. poles.

**B01531**

#### Bottle Holder.

**B01354**

**Wide-Mouth Bottles.** Made from a food-grade, high-density polyethylene. They are recyclable, but not sterile or autoclavable. The plastic caps have a vinyl liner to ensure a tight fit.

**B01243 500 ml bottle.** Pkg. of 12.

**B01244 960 ml bottle.** Pkg. of 12.

**Snapper Attachments.** Durable plastic locking rings hold sample bottle securely.

**Small Snapper.** Holds 500 ml bottle.

**B01219**

**Large Snapper.** Holds 960 ml bottle.

**B01220**



**B01367**

### NASCO SAMPLING POLE/LINE FOR WHIRL-PAK® BAGS

Specially designed to hold any size bag, the holder uses a retainer ring to secure the bag firmly in place. Even in a fast flowing stream, the bag will not come loose. The adjustable fiberglass pole extends from 6 to 12 ft. (1.82 to 3.66 m), has a swinging end, and comes with three sizes of retainer rings to hold the bag. Sanitize with a bleach and water mixture. Cannot be autoclaved.

**B01367**

#### Replacement Bag Holder and Retainer Rings.

For use with Sampling Pole B01367.

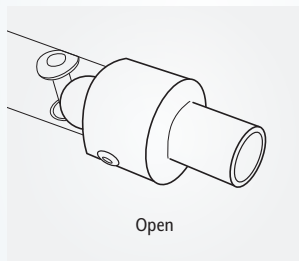
**B01380**

#### Nasco Sampling Line for Whirl-Pak® Bags.

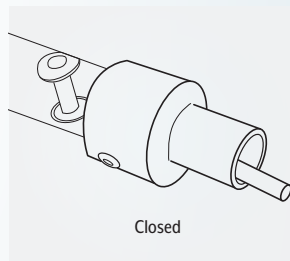
Nylon sampling line 25 ft. (7.62 m) with bag holder (see description above).

**B01368**

# NASCO SLUDGE JUDGE®



Open



Closed

## THE SLUDGE JUDGE®

- Designed to take accurate readings of **settleable solids of 5% or less** in a variety of liquids to any depth
- Ideal for anywhere that accurate sample levels of settleable solids in noncaustic materials are needed
- Comes in three 5-ft. (1.53 m) sections with screw-type connectors
- Top section includes a nylon rope for raising and lowering the sampler
- Individual sections can be combined as required
- 1-ft. (.31 m) markers on the tubing help identify the amount of sludge in the tank
- Float valve for easy sample collection and release
- Not autoclavable
- **Do not use to sample ethanol or ethanol-blended motor fuel**
- 1-year warranty
- Holds approximately 3 oz. per foot (89 ml per 0.31 m)
- 1" (2.54 cm) outside diameter clear plastic butyrate tubing
- Do not use in liquids over 165° F (74° C)
- Includes top section, extension section and bottom section

**C09247 15-ft. (4.60 m) Sludge Judge Complete Unit.**

### The Sludge Judge® Replacement Parts

**C09252 5-ft. (1.53 m) Top Section with Rope.**

**C09251 5-ft. (1.53 m) Extension Section.**

**C09250 5-ft. (1.53 m) Bottom Section with Valve.**

**C14516 Optional 2½-ft. (0.80 m) Top Section with Rope.**



## THE SLUDGE JUDGE® ULTRA — SUPER STRONG

- For maximum strength and rigidity
- Constructed of extremely strong polycarbonate
- Treated with an ultraviolet stabilizer to help reduce deterioration from the sun's harmful rays
- Rigid materials minimize bending of the unit when full of water or other liquids
- Durable in cold temperatures; can withstand heat up to 280° F (138° C) with careful handling
- 1" (2.54 cm) outside diameter tubing is marked with blue tape to designate the 1-ft. measurements
- Float valve for easy sample collection and release

**B01386 Sludge Judge® Ultra Complete Unit.**

**B01387 5-ft. (1.53 m) Top Section with Rope.**

**B01388 5-ft. (1.53 m) Extension Section.**

**B01389 5-ft. (1.53 m) Bottom Section with Valve.**





### THE SLUDGE JUDGE® II – LARGE CAPACITY

- 1¼" (3.18 cm) outside diameter clear plastic butyrate tubing is very rigid when assembled
- Holds 6 oz. per foot (178 ml per .31 m)
- Float valve for easy sample collection and release
- Do not use in liquids over 165° F (74° C)

- B01355 Sludge Judge® II Complete Unit.**
- B01358 5-ft. (1.53 m) Top Section with Rope.**
- B01357 5-ft. (1.53 m) Extension Section.**
- B01356 5-ft. (1.53 m) Bottom Section with Valve.**



**A. CARRY BAG FOR SAMPLER**  
Holds four 5-ft. (1.52 m) sections of any Sludge Judge® product. Made of cotton canvas.

**C09249**

**B. CLEANING BRUSHES**  
The cleaning brush used with a mild detergent and warm water will keep the unit clear so accurate sludge readings can be taken. It is made of galvanized steel wire and polyester bristles. Disassemble the unit and clean each section separately.

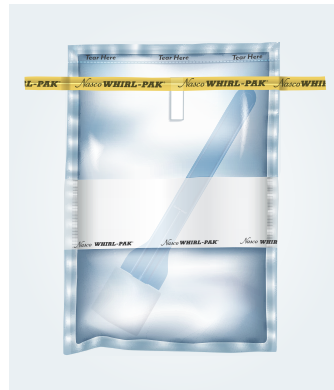
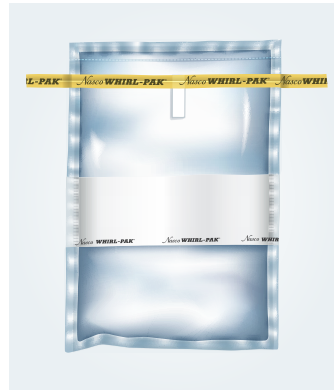
**Cleaning Brush for Use for Sludge Judge® and Sludge Judge® Ultra.** 6 ft. (1.83 m) L. 1" (2.54 cm) dia. bristle.

**B01291**

**Cleaning Brush for The Sludge Judge® II.** 6 ft. (1.83 m) L. 1½" (3.81 cm) dia. bristle.

**B01361**

# SAMPLE REQUEST



## Complimentary sample bags

Our bags come in a variety of sizes and styles perfect for any sample collecting or processing task.

Ensure you have the right bag for the job.

Request complimentary samples today.

**email: [contact@whirl-pak.com](mailto:contact@whirl-pak.com)**

# CONTACT



online  
[whirl-pak.com](http://whirl-pak.com)



phone  
[+1.920.568.5616](tel:+19205685616)



email  
[contact@whirl-pak.com](mailto:contact@whirl-pak.com)

Whirl-Pak® sterilized bags and sample collection tools are available through our wide network of global distributors.

For a distributor ideally suited for you, reach out to us at [contact@whirl-pak.com](mailto:contact@whirl-pak.com).

## STAY CONNECTED

Visit our website to sign up for emails and get the latest sampling information delivered right to your inbox.

Follow us on LinkedIn at:  
[www.linkedin.com/company/whirl-pak](http://www.linkedin.com/company/whirl-pak)



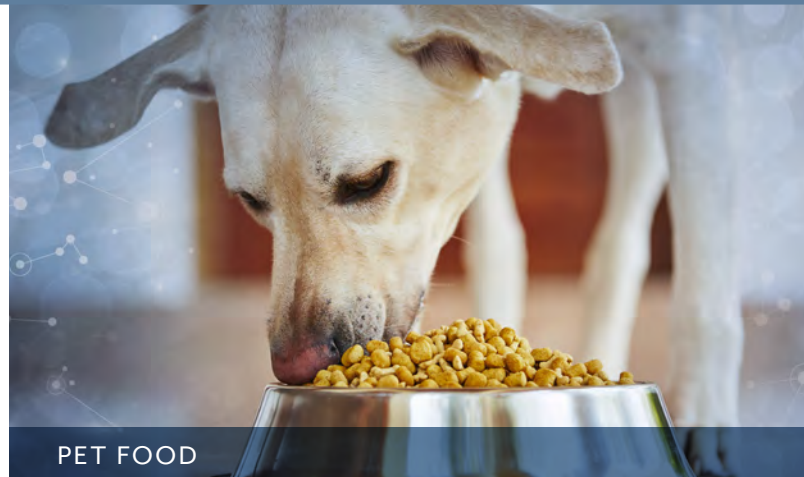


*Nasco*  
SAMPLING<sub>brand</sub>  
4916 E. Broadway  
Madison, WI 53716

# SPECIALTY MARKETS



CRAFT BREWING



PET FOOD



CANNABIS RESEARCH



ORGANICS

The world of sample collection continues to grow in new and exciting ways. Whirl-Pak® bags offer the largest variety of sizes and styles to suit every market.

*Nasco* SAMPLING<sub>brand</sub>