



2021 PRODUCT GUIDE

STERILIZED SAMPLE COLLECTION AND PROCESSING BAGS

Ideal for use in:

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

Whirl-Pak® 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® has become recognized as the *Gold Standard* in a world with critical and demanding sample integrity requirements.

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



WHIRL-PAK®
results you can trust



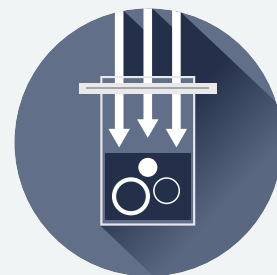
Whirl-Pak® sterilized sampling bags are R-Nase, D-Nase, Pyrogen and BPH free and comply with regulatory and industrial requirements:



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® 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.



• **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 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

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



Space
saving
collection
container



SOLIDS OR LIQUIDS, WHIRL YOUR WAY TO A LEAK-PROOF CLOSURE

STEP 1



Label your sample if
using a write-on bag.

STEP 2



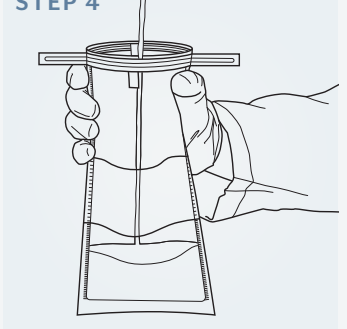
To open, tear off
the top along the
perforation.

STEP 3



Use the Tyvek® pull
tabs to open without
contamination.

STEP 4



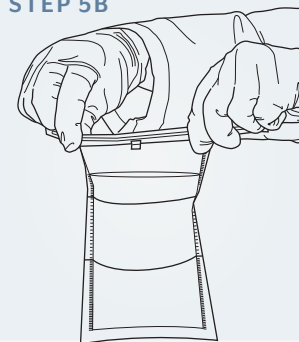
Place sample in bag.
Perfect for liquids
or solids.

STEP 5A



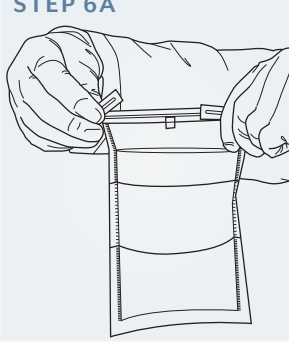
Hold bag by the
tabs and whirl 3 to 4
times to make a seal.

STEP 5B



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

STEP 6A



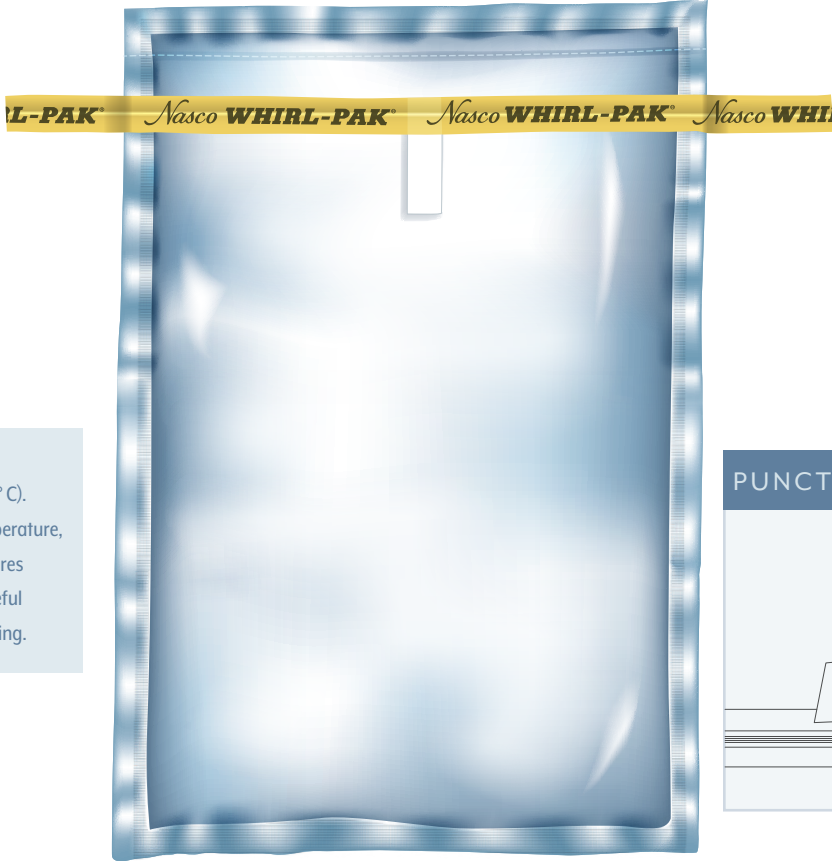
Secure closure,
bend wire ends.

STEP 6B



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

STANDARD BAGS

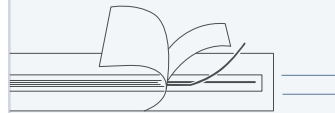


Capacity is measured when the bag is closed and tab is folded over three times. Volume and dimensions are approximate.

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

- Wires for easy opening, pouring, and closing



STANDARD BAGS

CAT. NO.	WIRE STYLE	VOLUME		SIZE		THICKNESS	BAGS/BOX
		FL OZ.	ML	IN.	CM		
B01009	Round	2 Fl oz.	59 mL	3" W x 5" L	7.5 x 12.5 cm	2.25 mils	500
B00679	Round	4 Fl oz.	118 mL	3" W x 7¼" L	7.5 x 18.5 cm	2.25 mils	500
B00992	Round	7 Fl oz.	207 mL	3¾" W x 7" L	9.5 x 18 cm	3 mils	500
B01018	Round	13 Fl oz.	384 mL	5¼" W x 7½" L	13 x 19 cm	3 mils	500
B00736	Round	18 Fl oz.	532 mL	4½" W x 9" L	11.5 x 23 cm	2.5 mils	500
B01255	Round	24 Fl oz.	710 mL	6" W x 9" L	15 x 23 cm	2.5 mils	500
B01020	Round	24 Fl oz.	710 mL	6" W x 9" L	15 x 23 cm	3 mils	500
B01063	Round	24 Fl oz.	710 mL	6" W x 9" L	15 x 23 cm	4 mils	500
B00990	Round	27 Fl oz.	798 mL	5" W x 12" L	12.5 x 30.5 cm	3 mils	500
B00994	Round	36 Fl oz.	1,065 mL	5" W x 15" L	12.5 x 38 cm	3 mils	500
B01027	Round	42 Fl oz.	1,242 mL	6" W x 15" L	15 x 38 cm	3 mils	500
B01532	Round	55 Fl oz.	1,627 mL	7½" W x 12" L	19 x 30 cm	3 mils	500
B01323	Round	69 Fl oz.	2,041 mL	7½" W x 15" L	19 x 38 cm	3 mils	500

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 labelling quick and easy
- clear sample identification
- for organization & traceability

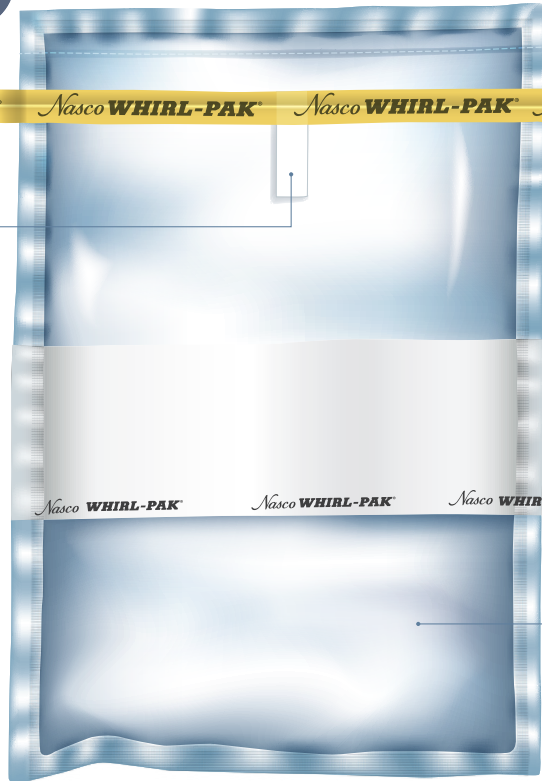


CONTINUOUS PERIMETER SEAL

- maximum protection against leaks



WHIRL-PAK Nasco **WHIRL-PAK** Nasco **WHIRL-PAK** Nasco **WHIRL-PAK**



Watch to learn more

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	VOLUME		SIZE		THICKNESS	BAGS/BOX
		FL OZ.	ML	IN.	CM		
B01064	Round	2 Fl oz.	59 mL	3" W x 5" L	7.5 x 12.5 cm	2.25 mils	500
B01062	Round	4 Fl oz.	118 mL	3" W x 7½" L	7.5 x 18.5 cm	2.25 mils	500
B01489	Round	7 Fl oz.	207 mL	3¾" W x 7" L	9.5 x 18 cm	2.5 mils	500
B01490	Round	13 Fl oz.	384 mL	5¼" W x 7½" L	13 x 19 cm	2.5 mils	500
B01065	Round	18 Fl oz.	532 mL	4½" W x 9" L	11.5 x 23 cm	2.5 mils	500
B01341	Flat	18 Fl oz.	532 mL	4½" W x 9" L	11.5 x 23 cm	2.5 mils	500
B01297	Round	24 Fl oz.	710 mL	6" W x 9" L	15 x 23 cm	3 mils	500
B01196	Round	24 Fl oz.	710 mL	6" W x 9" L	15 x 23 cm	4 mils	500
B01491	Round	27 Fl oz.	798 mL	5" W x 12" L	12.5 x 30.5 cm	3 mils	500
B01195	Round	55 Fl oz.	1,627 mL	7½" W x 12" L	19 x 30 cm	4 mils	500
B01515	Round	69 Fl oz.	2,041 mL	7½" W x 15" L	19 x 38 cm	3 mils	500
B01445	1 Flat, 1 Round	92 Fl oz.	2,721 mL	10" W x 15" L	25.4 x 38 cm	4 mils	250
B01446	1 Flat, 1 Round	123 Fl oz.	3,638 mL	10" W x 20" L	25.4 x 50.8 cm	4 mils	250
B01447	1 Flat, 1 Round	184 Fl oz.	5,442 mL	15" W x 20" L	38 x 50.8 cm	4 mils	100

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

STAND-UP BAGS

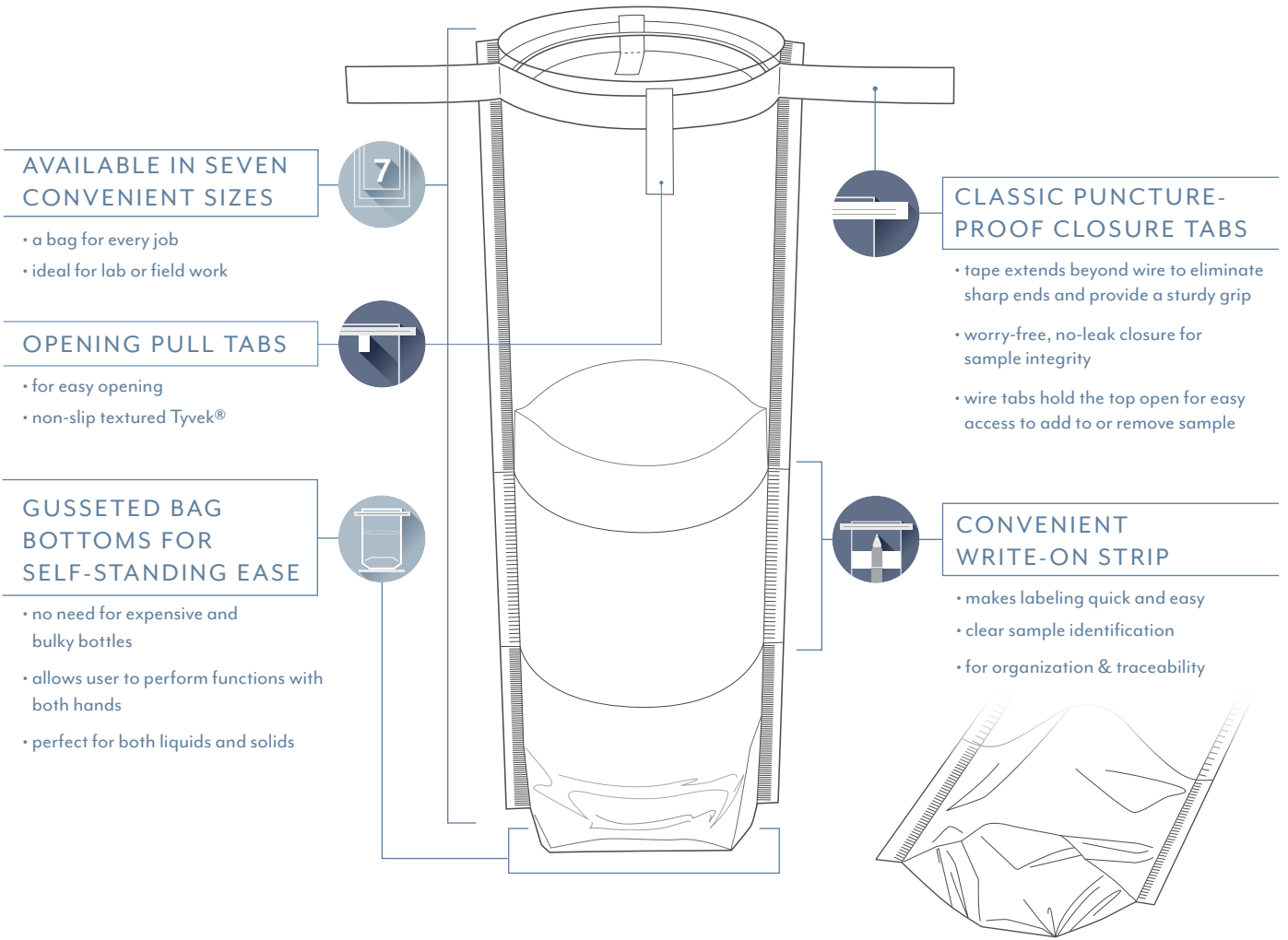


Works like a bottle
without the cost and
storage constraints

▣ 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



CAT. NO.	WIRE STYLE	VOLUME		SIZE		THICKNESS	BAGS/BOX
		FL OZ.	ML	IN.	CM		
B01364	Round	4 Fl oz.	118 mL	3" W x 7¼" L	75 x 18.5 cm	2.5 mils	500
B01365	Round	18 Fl oz.	532 mL	4½" W x 9" L	11.5 x 23 cm	3 mils	500
B01401	Round	24 Fl oz.	710 mL	6" W x 9" L	15 x 23 cm	3 mils	500
B01449	1 Flat, 1 Round	36 Fl oz.	1,065 mL	5" W x 15" L	12.5 x 38 cm	4 mils	250
B01450	1 Flat, 1 Round	42 Fl oz.	1,242 mL	6" W x 15" L	15 x 38 cm	4 mils	250
B01451	1 Flat, 1 Round	69 Fl oz.	2,041 mL	7½" W x 15" L	19 x 38 cm	4 mils	250
B01542	1 Flat, 1 Round	138 Fl oz.	4,081 mL	15" W x 15" L	38 x 38 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.

THE SMART CHOICE



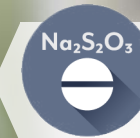
FOLD LINE

Your guide to ensure a no-leak closure



FILL LINE

Indicates the minimum water volume



THIOSULFATE TABLET

Sodium thiosulfate tablet included for chlorine neutralization

Save time and improve user experience for field techs!

- Use both hands while sampling/extracting samples
- Opening pull tab designed for aseptic collection
- Large opening for easy sample collection
- Write-on strip for quick and easy labelling

Cost effective reasons to convert today:

- Less expensive to ship
- Reduced storage space required
- Transport easily
- Post-manufacturing sterilization, save personnel time

THE WHIRL-PAK® SOLUTION

Our Thio-Bag® delivers a cost effective, low environmental impact alternative to rigid material containers. When evaluating the life cycle of the products, our bags utilize less materials, energy, and water, providing a lower carbon footprint than traditional rigid material containers, all while keeping all the usable, dependable features you need to get the job done right. You never have to sacrifice standards with Whirl-Pak®.

Uses 5-10 times less material resulting in less fossil fuel use.

Uses less water in the manufacturing/conversion process.

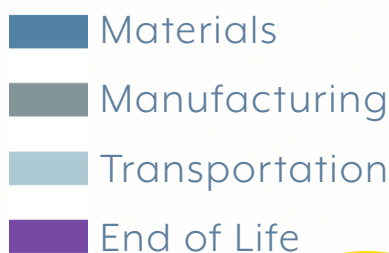
Generates much lower GHG emissions.

Lower environmental impact throughout product life cycle.

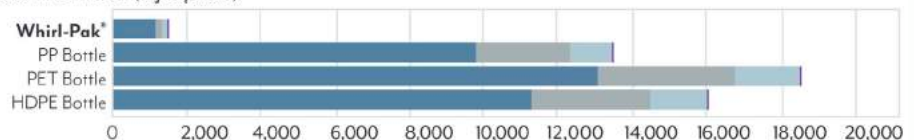
ENVIRONMENTAL IMPACT

Across the attributes of Fossil Fuel, GHG Emissions, and Water Use.

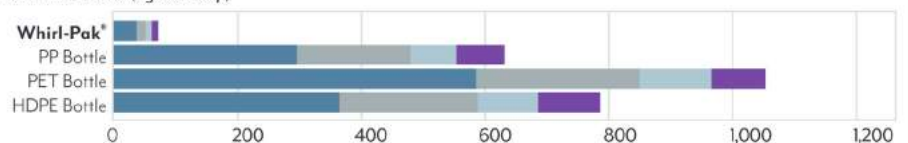
The data represent one million containers shipped 1,000 km.



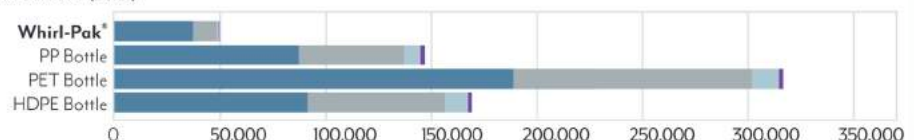
FOSSIL FUEL USE (MJ deprived)



GHG EMISSIONS (kg CO2 eq.)



WATER USE (liters)



Join our journey to reduce waste!

4 YEARS
4 MILLION POUNDS

POST-MANUFACTURING STERILIZATION

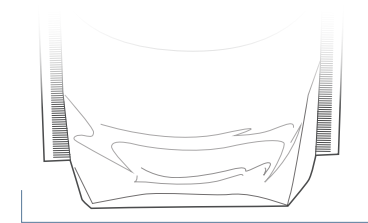
- increased sample integrity
- perforated closure to maintain sterility

OPENING PULL TABS

- for easy opening
- non-slip textured Tyvek®

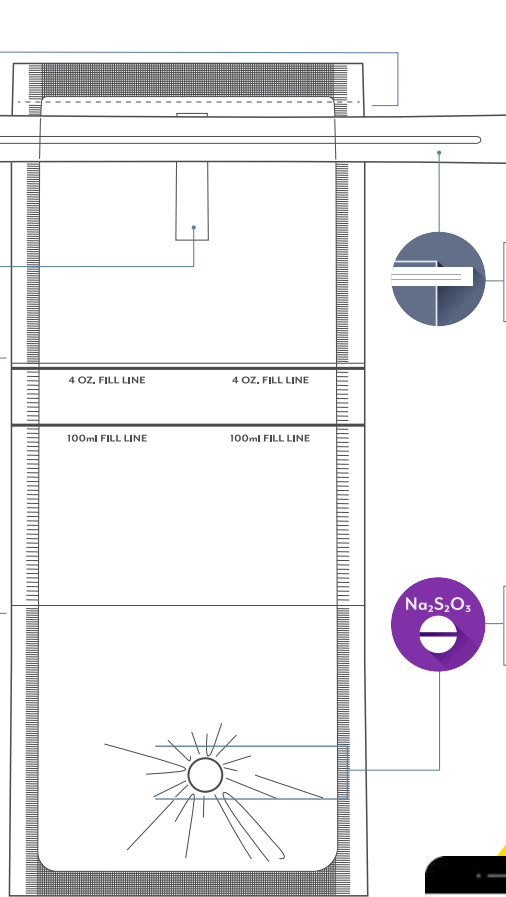
CONVENIENT WRITE-ON STRIP

- makes labelling 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



Watch to learn more

SCAN TO WATCH

STAND UP BAGS

CAT. NO.	WIRE STYLE	VOLUME		SIZE		THICKNESS	BAGS/POUCH	BAGS/BOX
		FL OZ.	ML	IN.	CM			
B01402	Round	4 Fl oz.	118 mL	3" W x 7 1/4" L	7.5 x 18.5 cm	2.5 mils	25	100
B01403	Round	10 Fl oz.	296 mL	4 1/2" W x 9" L	11.5 x 23 cm	3 mils	25	100
B01601	1 Flat, 1 Round	17 Fl oz.	503 mL	6" W x 9" L	15 x 23 cm	3 mils	25	100
B01603	1 Flat, 1 Round	34 Fl oz.	1,006 mL	6" W x 15" L	15 x 38 cm	4 mils	25	100
B01604	1 Flat, 1 Round	68 Fl oz.	2,011 mL	7 1/2" W x 15" L	19 x 38 cm	4 mils	25	100

FLAT BAGS

CAT. NO.	WIRE STYLE	VOLUME		SIZE		THICKNESS	BAGS/POUCH	BAGS/BOX
		FL OZ.	ML	IN.	CM			
B01040	Round	4 Fl oz.	118 mL	3" W x 7 1/4" L	7.5 x 18.5 cm	2.25 mils	25	100
B01254	Round	10 Fl oz.	296 mL	4 1/2" W x 9" L	11.5 x 23 cm	2.5 mils	25	100

YOUR SUSTAINABILITY IMPROVEMENT SOLUTION

FULL-PAGE FILTER BAGS

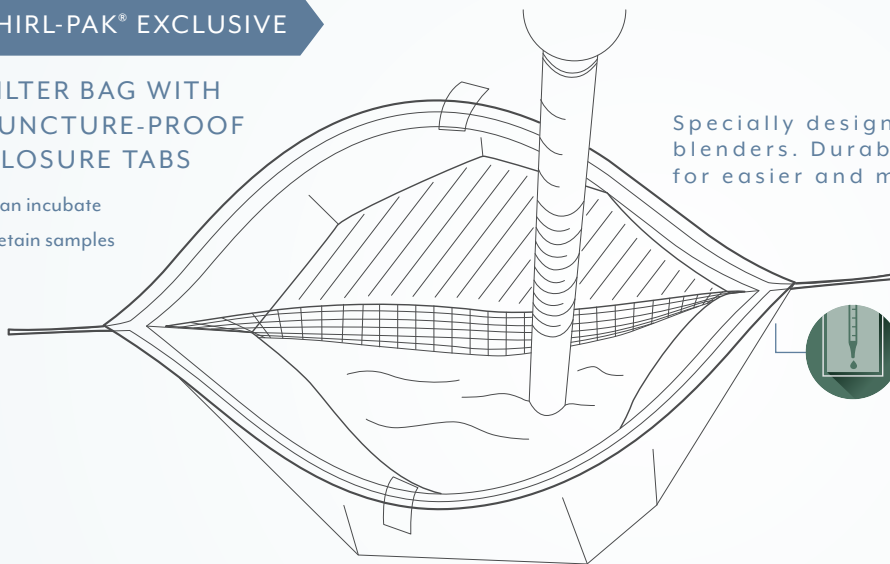


Full-page filter bags perfect for collecting, blending, and pipetting

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 .33 mm (.013 inches), 330 microns, and there are 285 per square cm (1,840 per square inch). 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	VOLUME		SIZE		THICKNESS	BAGS/BOX
		FL OZ.	ML	IN.	CM		
B01385	Round	7 Fl oz.	207 mL	3¾" W x 7" L	9.5 x 18 cm	3 mils	250
B01348	Round	24 Fl oz.	710 mL	6" W x 9" L	15 x 23 cm	4 mils	250
B01318	Round	55 Fl oz.	1,627 mL	7½" W x 12" L	19 x 30 cm	4 mils	250
B01547	NO CLOSURE	55 Fl oz.	1,627 mL	7½" W x 12" L	19 x 30 cm	4 mils	250
B01416	Round	69 Fl oz.	2,041 mL	7½" W x 15" L	19 x 38 cm	4 mils	250
B01488	1 Flat, 1 Round	92 Fl oz.	2,721 mL	10" W x 15" L	25.4 x 38 cm	4 mils	100
B01525	1 Flat, 1 Round	138 Fl oz.	4,081 mL	15" W x 15" L	37.5 x 37.5 cm	4 mils	100

PROCESSING BAGS

Recommended bags for processing. Quick testing and disposal.

▶ In addition to the filter bags, we have bags with and without closure, perfect for processing and for use in a blender. Our strong, pliable film provides a safe, disposable solution for quick, easy processing.



CUSTOMER FAVORITE!
Designed for use with homogenizer blenders

FILTER BAG - NO CLOSURE

Designed for use with homogenizer blenders. Durable PE film and full-page polyethylene filter for easy, efficient testing. 1,627 mL (55 Fl oz.). 19 x 30 cm (7½" W x 12" L). Thickness 4 mils. Box of 250.

B01547



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.

19 x 30 cm (7½" W x 12" L).

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

B01421

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

5,442 mL (184 Fl oz.). Thickness 4.0 mils (.102 mm). Box of 250 bags.

B01474



ROUND BOTTOM SEAL

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

B01239



LARGE, STANDARD BAGS WITH CLOSURE

25.4 x 38.4 cm (10" W x 15" L).

2,721 mL (92 Fl oz.). Thickness 4.0 mils (.102 mm). Box of 250 bags.

B01445

25.4 x 50.8 cm (10" W x 20" L).

3,638 mL (123 Fl oz.). Thickness 4.0 mils (.102 mm). Box of 250 bags.

B01446

38 x 50.8 cm (15" W x 20" L).

5,442 mL (184 Fl oz.). Thickness 4.0 mils (.102 mm). Box of 100 bags.

B01447



SPECIALTY BAGS

A broad range of specialty bags for all your sampling needs!

From blackout material for pharmaceutical and clinical needs, to FDA approved Meat/Poultry Carcass Sampling kits, these specialty bags are designed with specific features and components to make sample collection in every industry convenient and more efficient.



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

POCKET BAG

The pocket on this 710 mL (24 Fl oz.) bag measures 13.7 x 14.2 cm (5 $\frac{3}{8}$ " W x 5 $\frac{5}{8}$ " L) and keeps important paperwork dry, clean, and separate from the sample. Bag measures 15 x 23 cm (6" W x 9" L). 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 37.5 x 50 cm (15" W x 20" L), 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



Contact an approved Whirl-Pak® Distributor for more sizes!



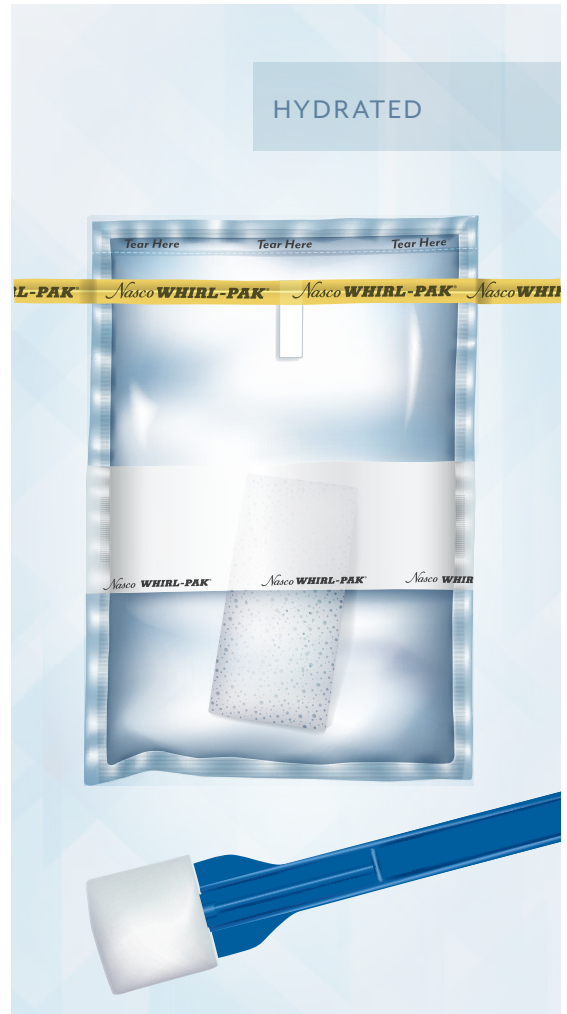
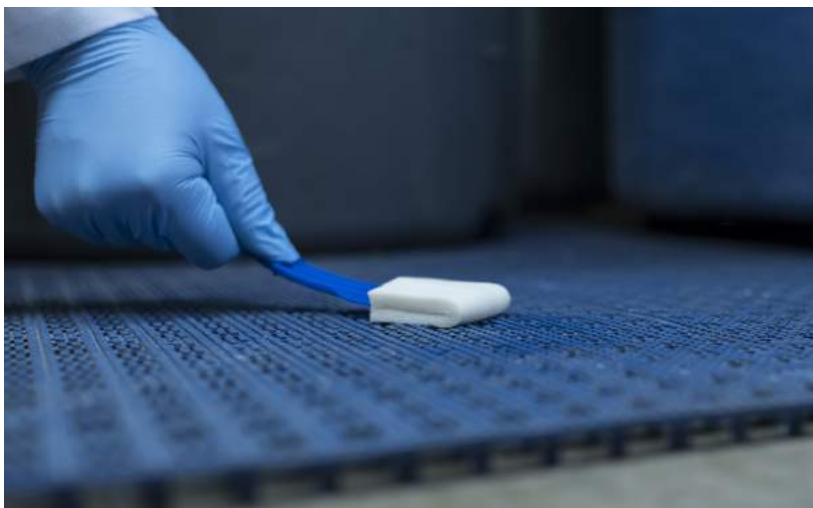
SCAN ME

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.

B01418 532 mL (18 Fl oz.). Film thickness 2.5 mils (.064 mm).

POLYURETHANE SPONGE BAGS



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.

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 532 mL (18 Fl oz.) 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 11.5 x 23 cm (4½" W x 9" L) with a thickness of 2.5 mils (.064 mm). Two-year shelf-life with ambient storage at 2°–30° C (36°–86° F).

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



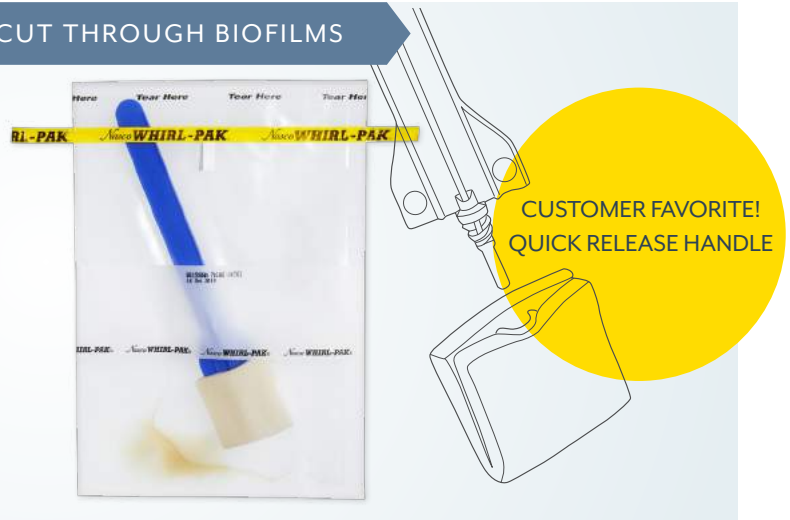
HEAVY-DUTY HANDLE DESIGNED TO HELP CUT THROUGH BIOFILMS

WHIRL-PAK® HYDRATED POLYPROBE™

The 20.3 cm (8") 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 710 mL (24 Fl oz.) write-on Whirl-Pak® bag and hydrated with 10 ml of HiCap™ Neutralizing Broth. Bags are 15 x 23 cm (6" W x 9" L) with a thickness of 2.5 mils (.064 mm). Two-year shelf life with ambient storage at 2°–30° C (36°–86° F). Box contains five foil pouches with 20 probes each for a total of 100 probes.

B01592



HiCap™ is a trademark of World Bioproducts, LLC.

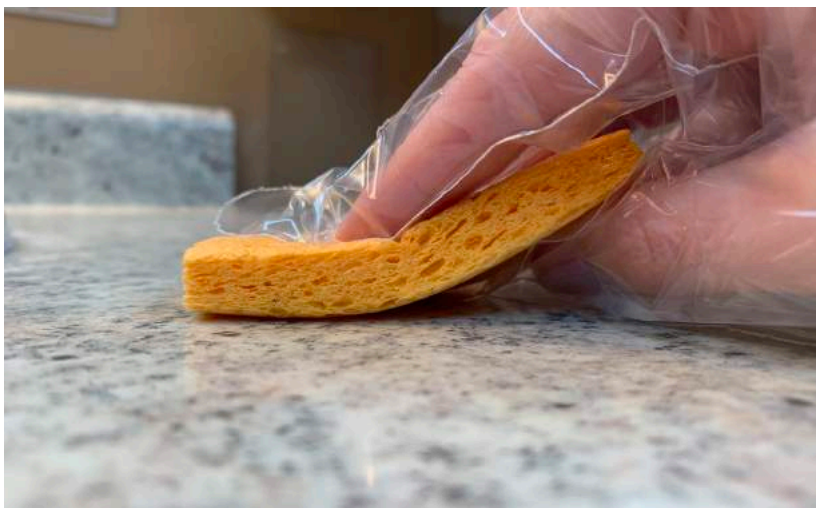
HICAP™
BROTH

VS.

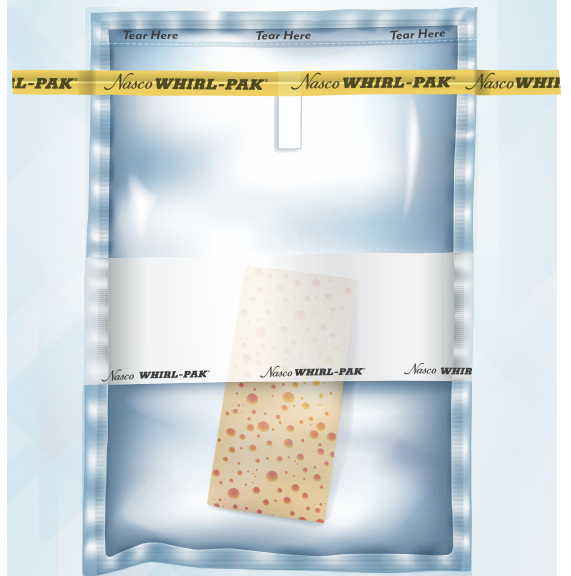
TRADITIONAL
COLLECTION
BROTHS

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	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 nonallergenic	Yes	Unknown	Unknown	No
Compatible with molecular detection assays	Yes	No	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 11.5 x 23 cm (4½" W x 9" L) with 532 mL (18 Fl oz.) volume 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)

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

B01245

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

B01299

532 mL (18 Fl 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: 11.5 x 23 cm (4½" W x 9" L).
Box of 100.

B01392



accessories



NASCO SPONGE POLE WITH DETACHABLE SPONGE HOLDER

For hard to reach places, the adjustable aluminum pole extends from 1.83 m (6 ft.) to 3.66 m (12 ft) 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® 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	VOLUME		SIZE		THICKNESS	BAGS/BOX
			FL OZ.	ML	IN.	CM		
B01245	Round	Dry	18 Fl oz.	532 mL	4½" W x 9" L	11.5 x 23 cm	2.5 mils	100
B01299	Round	Dry	55 Fl oz.	1,627 mL	7½" W x 12" L	19 x 30 cm	4 mils	100
B01392	Round	Dry w/glove	18 Fl oz.	532 mL	4½" W x 15" L	11.5 x 38 cm	2.5 mils	100
B01422	Round	Hydrated	18 Fl oz.	532 mL	4½" W x 9" L	11.5 x 23 cm	2.5 mils	100
B01423	Round	Hydrated w/glove	18 Fl 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.

Contact an
approved
distributor
for a full
assortment of
Sludge Judge
Collection
Tools!



SCAN ME



NASCO SLUDGE NABBER

Make sample collection of liquids fast and easy. Adjustable aluminum pole that extends from 1.22 to 1.99 m (4 to 6½ feet). 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.

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

B01310

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

B01366

REPLACEMENT PARTS

1.83 m-3.66 m (6 ft.-12 ft.) Pole Plastic Grip.

B01529

1.83 m-3.66 m (6 ft.-12 ft.) Pole Lock Replacement.

For use with B01310 and B01367.

B01456

2.44 m-7.32 m (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 1.82 to 3.66 m (6 to 12 ft.), 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.

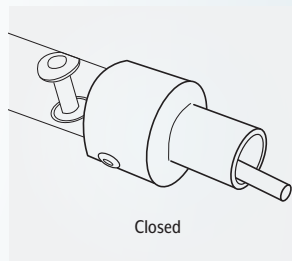
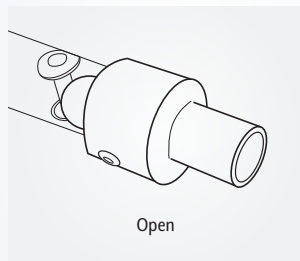
B01380

Nasco Sampling Line for Whirl-Pak® Bags.

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

B01368

NASCO SLUDGE JUDGE®



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 1.53 m (5-ft.) sections with screw-type connectors
- Top section includes a nylon rope for raising and lowering the sampler
- Individual sections can be combined as required
- .31 m (1-ft.) 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 89 mL per 0.31 m (3 Fl oz. per foot)
- 2.54 cm (1") outside diameter clear plastic butyrate tubing
- Do not use in liquids over 74° C (165° F)
- Includes top section, extension section and bottom section

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

The Sludge Judge® Replacement Parts

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

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

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

C14516 Optional 0.80 m (2½-ft.) 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 138° C (280° F) with careful handling
- 2.54 cm (1") 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 1.53 m (5-ft.) Top Section with Rope.

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

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



THE SLUDGE JUDGE® II – LARGE CAPACITY

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

B01355 Sludge Judge® II Complete Unit.

B01358 1.53 m (5-ft.) Top Section with Rope.

B01357 1.53 m (5-ft.) Extension Section.

B01356 1.53 m (5-ft.) Bottom Section with Valve.

accessories



A. CARRY BAG FOR SAMPLER

Holds four 1.52 m (5-ft.) 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. 1.83 m (6 ft.) long, 2.54 cm (1") dia. bristle.

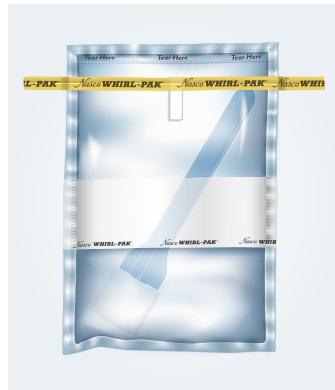
B01291

Cleaning Brush for The Sludge Judge® II.

1.83 m (6 ft.) long, 3.81 cm (1½") 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.

Want to try before you buy? Ask your distributor about our *Why Whirl* Program today!

CONTACT



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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.

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a *Nasco*
SAMPLING_{brand}


4916 E. Broadway
Madison, WI 53716

WHY WHIRL-PAK?

Nasco Sampling developed the globally recognized Whirl-Pak[®] bag in 1959. Initially, the bags were designed to provide a container for milk haulers to collect samples from bulk milk.

Over the last 60 years, Whirl-Pak has continued to innovate and refine a portfolio with intentional design elements tested for performance. It is our mission to provide quality bags that keep your samples safe, for results you can trust.

99.9%
QUALITY SATISFACTION



REDUCED PLASTIC WASTE
4 MILLION
POUNDS AND COUNTING



75
COUNTRIES



Our continuous perimeter seal provides **maximum protection against leaks**. We tirelessly test the quality of our seams to keep your samples safe.

Features like the gusseted bottom, puncture-proof, and leak-proof closure, enable customers to **convert from rigid plastic containers, saving time and money with a more sustainable option**.

Our Tyvek[®] pull tabs and +1 Sterilization process provides hundreds of millions of **aseptic samples collected in over 75 countries** each year.

a *Nasco* SAMPLING_{brand}

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To email an order, ordersau@thermofisher.com

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