

2017-2018

# WHIRL-PAK<sup>®</sup>

LAB SAMPLING PRODUCTS BY *Nasco*

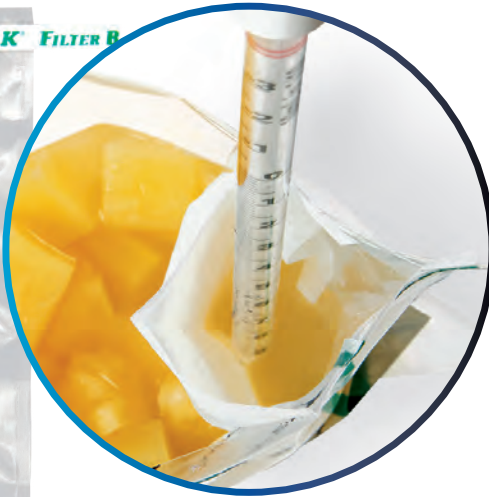


1.800.558.9595  
whirl-pak.com

# NEW PRODUCTS



**B01586** — 55 oz.  
With Closure



## EIGHT NEW FILTER BAGS FROM WHIRL-PAK®

Specially designed for use with homogenizer blenders. Extra-heavy PET film and special features for easier and more efficient testing.

Additional sizes and styles on page 11.

### VERTICAL FILTER BAGS

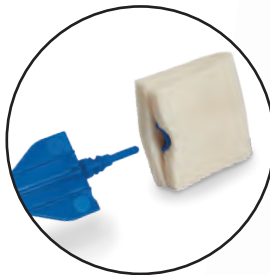
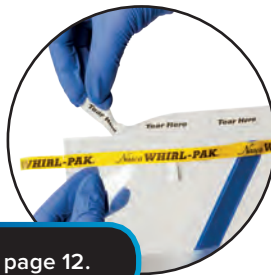
Bags use a special laminated PET film for durability and a vertical nonwoven filter to separate solids for easy pipetting of the liquid sample. Available with or without a closure, each bag contains a 250 micron polyester filter adhered vertically along the side of the 3 mil (0.76 mm) bag. Easy-pour side seal allows you to simply pour liquid out of the bag without also emptying solids.

## THREE NEW HYDRATED SPONGE PRODUCTS FROM WHIRL-PAK®

Make environmental surface sampling faster and easier with these pre-moistened bags. Durable high-density polyurethane sponge is ready to use and resists tearing and fraying. Each is hydrated with HiCap™ Neutralizing Broth.



Hydrated PolySponge™ Bags



Hydrated PolyProbe™

Additional information on page 12.

HiCap™ is a registered trademark of World Bioproducts, LLC.



Whirl-Pak® Bags are manufactured under a quality management system certified to ISO9001, except [B01299](#), [B01350](#), [B01392](#), [B01422](#), [B01423](#), [B01475](#), [B01478](#), [B01590](#), [B01591](#), and [B01592](#) which require an additional processing step done outside of regular production.

• **Standard Methods Says** — Standard Methods (18th edition, 1992, section 9060A, sample containers) states “For some applications, samples may be collected in pre-sterilized plastic bags.” Whirl-Pak® bags meet this description.



1.800.558.9595



1.800.372.1236



whirl-pak.com

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## THE HISTORY OF WHIRL-PAK® BAGS

- Developed in 1959
- Manufactured in the U.S.A.
- First designed to provide a container for milk haulers to collect samples from bulk milk

### Features:

- **Puncture-Proof 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 Sterile: +1 Sterilization®** — process of sterilizing sealed cartons of Whirl-Pak® bags after manufacturing using ethylene oxide gas at an independent ISO-certified facility.
- **Sterility Traceability:** 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 tabs over three times creates a leak-proof sampling container.
- **Reduced Storage and Shipping:** Whirl-Pak® bags save 90% more space than other sampling containers, which saves on shipping, storage, and waste costs.



**MANUFACTURED  
IN THE U.S.A.**



Nuclear

Veterinary

Environmental

Water

Food

Climate Stability

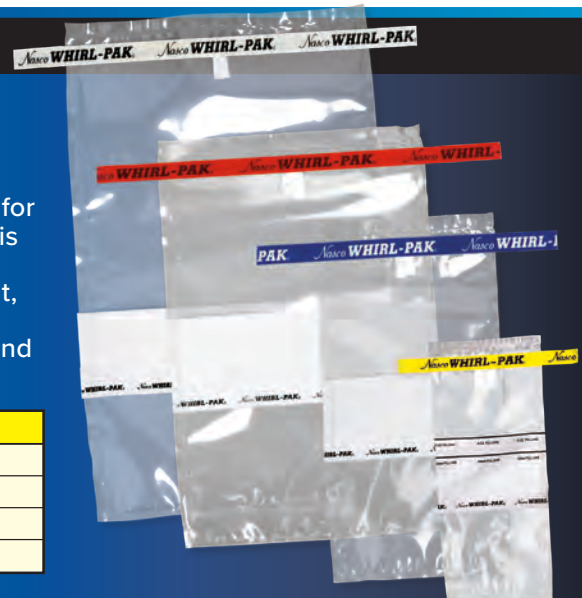
## USING WHIRL-PAK® BAGS

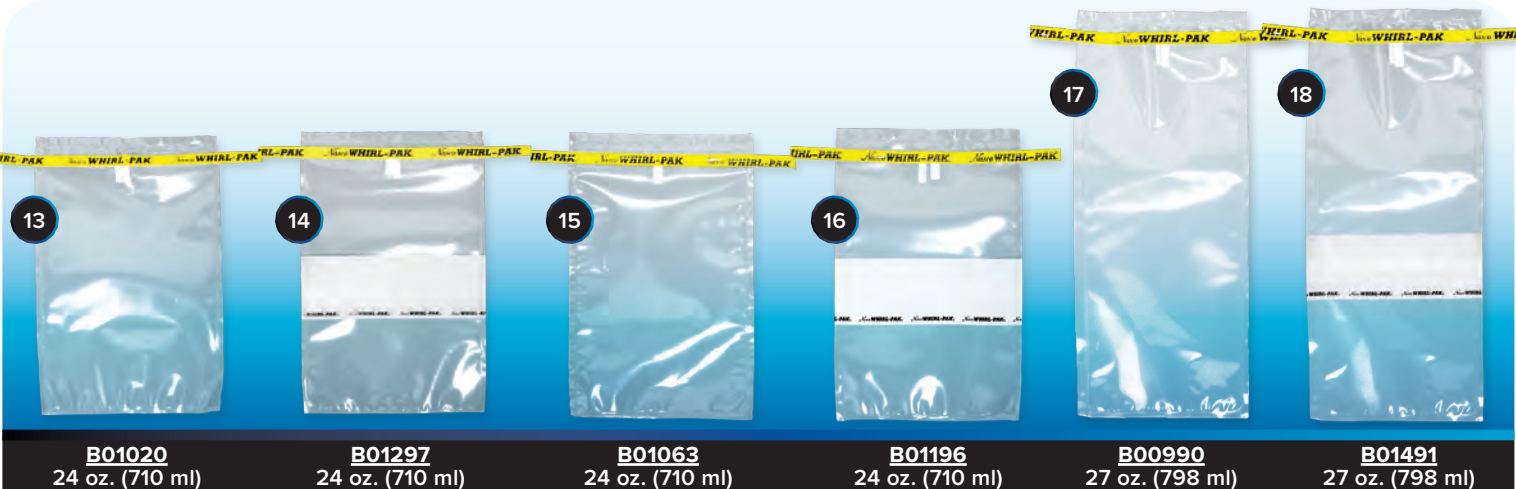
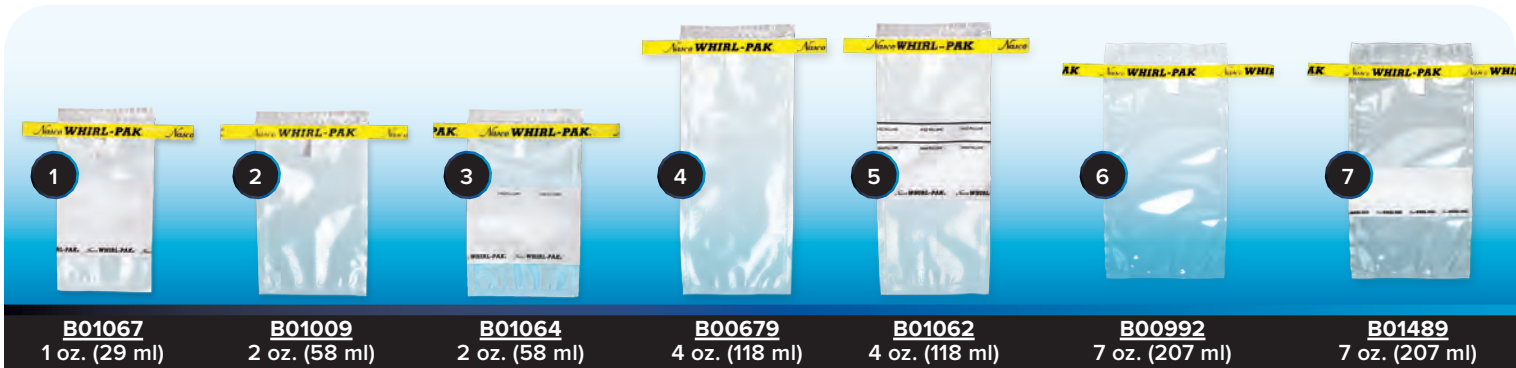
- Tear off top of bag along perforation.
- Use pull tabs to open bag.
- Place sample in bag leaving at least 2" (5.1 cm) at the top.
- Hold bag by the wire ends and whirl three times to make a seal.
- Or, fold the tab over tightly three to four times to close.
- Bend wire ends onto bag.

## WHIRL-PAK® COLOR

**AVAILABLE NOW** — Whirl-Pak® bags with tape colors of white, blue, and red for 4-oz. (118 ml), 18-oz. (532 ml), 24-oz. (710 ml), and 55-oz. (1,627 ml) bags. This exciting new feature allows you to isolate samples according to the colored tape, providing an instant visual indicator for each section of the lab or plant, differentiate between treated and non-treated samples, or keep allergens separated from regular samples. These bags have been widely requested and will provide you with additional sales opportunities.

Bag Size	White Tape	Blue Tape	Red Tape	Yellow Tape
4 oz. (118 ml)	<a href="#">B01062(WT)</a>	<a href="#">B01062(BT)</a>	<a href="#">B01062(RT)</a>	<a href="#">B01062</a>
18 oz. (532 ml)	<a href="#">B01065(WT)</a>	<a href="#">B01065(BT)</a>	<a href="#">B01065(RT)</a>	<a href="#">B01065</a>
24 oz. (710 ml)	<a href="#">B01297(WT)</a>	<a href="#">B01297(BT)</a>	<a href="#">B01297(RT)</a>	<a href="#">B01297</a>
55 oz. (1,627 ml)	<a href="#">B01195(WT)</a>	<a href="#">B01195(BT)</a>	<a href="#">B01195(RT)</a>	<a href="#">B01195</a>





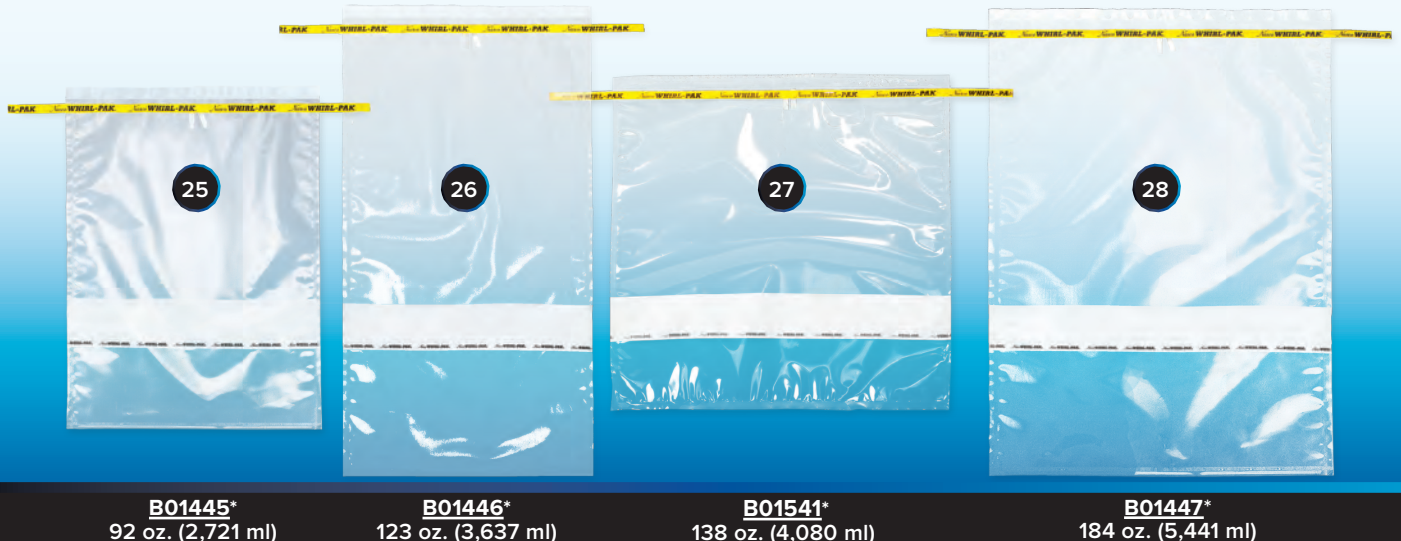
**FDA Approval**  
 Resins used in the  
 extrusion of film for all  
 Whirl-Pak® bags are  
 FDA approved  
 for food contact.



Capacity is measured in fluid ounces 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 required after freezing.

Cat. No.	Style	Capacity		Size		Thickness		Bags/Box
		oz.	ml	in.	cm	mils	mm	
1. <a href="#">B01067</a>	Write-On	1 oz.	29 ml	2½" W x 5" L	6.5 x 12.5 cm	2.25 mils	.057 mm	500
2. <a href="#">B01009</a>	Standard	2 oz.	58 ml	3" W x 5" L	7.5 x 12.5 cm	2.25 mils	.057 mm	500
3. <a href="#">B01064</a>	Write-On	2 oz.	58 ml	3" W x 5" L	7.5 x 12.5 cm	2.25 mils	.057 mm	500
4. <a href="#">B00679</a>	Standard	4 oz.	118 ml	3" W x 7¼" L	7.5 x 18.5 cm	2.25 mils	.057 mm	500
5. <a href="#">B01062</a>	Write-On	4 oz.	118 ml	3" W x 7¼" L	7.5 x 18.5 cm	2.25 mils	.057 mm	500
6. <a href="#">B00992</a>	Standard	7 oz.	207 ml	3¾" W x 7" L	9.5 x 18 cm	3 mils	.076 mm	500
7. <a href="#">B01489</a>	Write-On	7 oz.	207 ml	3¾" W x 7" L	9.5 x 18 cm	2.5 mils	.064 mm	500
8. <a href="#">B01018</a>	Standard	13 oz.	384 ml	5¼" W x 7½" L	13 x 19 cm	3 mils	.076 mm	500
9. <a href="#">B01490</a>	Write-On	13 oz.	384 ml	5¼" W x 7½" L	13 x 19 cm	2.5 mils	.064 mm	500
10. <a href="#">B00736</a>	Standard	18 oz.	532 ml	4½" W x 9" L	11.5 x 23 cm	2.5 mils	.064 mm	500
11. <a href="#">B01065</a>	Write-On	18 oz.	532 ml	4½" W x 9" L	11.5 x 23 cm	2.5 mils	.064 mm	500
12. <a href="#">B01255</a>	Standard w/pocket for paperwork	24 oz.	710 ml	6" W x 9" L	15 x 23 cm	2.5 mils	.064 mm	500
13. <a href="#">B01020</a>	Standard	24 oz.	710 ml	6" W x 9" L	15 x 23 cm	3 mils	.076 mm	500
14. <a href="#">B01297</a>	Write-On	24 oz.	710 ml	6" W x 9" L	15 x 23 cm	3 mils	.076 mm	500
15. <a href="#">B01063</a>	Standard	24 oz.	710 ml	6" W x 9" L	15 x 23 cm	4 mils	.102 mm	500
16. <a href="#">B01196</a>	Write-On	24 oz.	710 ml	6" W x 9" L	15 x 23 cm	4 mils	.102 mm	500
17. <a href="#">B00990</a>	Standard	27 oz.	798 ml	5" W x 12" L	12.5 x 30.5 cm	3 mils	.076 mm	500
18. <a href="#">B01491</a>	Write-On	27 oz.	798 ml	5" W x 12" L	12.5 x 30.5 cm	3 mils	.076 mm	500
19. <a href="#">B00994</a>	Standard	36 oz.	1,065 ml	5" W x 15" L	12.5 x 38 cm	3 mils	.076 mm	500
20. <a href="#">B01027</a>	Standard	42 oz.	1,242 ml	6" W x 15" L	15 x 38 cm	3 mils	.076 mm	500
21. <a href="#">B01532</a>	Standard	55 oz.	1,627 ml	7½" W x 12" L	19 x 30 cm	3 mils	.076 mm	500
22. <a href="#">B01195</a>	Write-On	55 oz.	1,627 ml	7½" W x 12" L	19 x 30 cm	4 mils	.102 mm	500
23. <a href="#">B01323</a>	Standard	69 oz.	2,041 ml	7½" W x 15" L	19 x 38 cm	3 mils	.076 mm	500
24. <a href="#">B01515</a>	Write-On	69 oz.	2,041 ml	7½" W x 15" L	19 x 38 cm	3 mils	.076 mm	500
25. <a href="#">B01445*</a>	Write-On	92 oz.	2,721 ml	10" W x 15" L	25.4 x 38 cm	4 mils	.102 mm	250
26. <a href="#">B01446*</a>	Write-On	123 oz.	3,637 ml	10" W x 20" L	25.4 x 50.8 cm	4 mils	.102 mm	250
27. <a href="#">B01541*</a>	Write-On	138 oz.	4,080 ml	15" W x 15" L	38 x 38 cm	4 mils	.102 mm	100
28. <a href="#">B01447*</a>	Write-On	184 oz.	5,441 ml	15" W x 20" L	38 x 50.8 cm	4 mils	.102 mm	100

**\*LARGER Sizes:** The closing tab has one round and one flat wire to ensure the bag is closed securely. Fold tab over tightly 4-5 times when closing, volume measurements are approximate.





Capacity is measured in fluid ounces 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 required after freezing.

**THIO-BAGS® FOR WATER SAMPLING (SEE PAGE 16)**

**1. B01040**

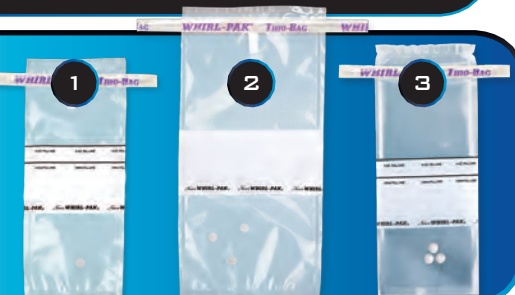
- With sodium thiosulfate
- 100 ml
- 3" W x 7¼" L (7.5 x 18.5 cm)
- 2.25 mils (.057 mm) thick
- Box of 100

**2. B01254**

- With sodium thiosulfate
- 300 ml
- 4½" W x 9" L (11.5 x 23 cm)
- 2.5 mils (.064 mm) thick
- Box of 100

**3. B01440**

- 30 mg sodium thiosulfate, meets NELAC Standard
- 100 ml
- 3" W x 7¼" L (7.5 x 18.5 cm)
- 2.25 mils (.057 mm) thick
- Box of 100



**STAND-UP THIO-BAGS® AND COLI-TEST BAG (SEE PAGES 16 & 17)**

**1. B01402**

- With sodium thiosulfate
- 100 ml Stand-Up
- 3" W x 7¼" L (7.5 x 18.5 cm)
- 2.5 mils (.064 mm) thick
- Box of 100

**2. B01403**

- With sodium thiosulfate
- 500 ml Stand-Up
- 4½" W x 9" L (11.5 x 23 cm)
- 3.0 mils (.076 mm) thick
- Box of 100

**3. B01417**

- Coli-Test bag for color changing reagents
- 100 ml Stand-Up
- 3" W x 7¼" L (7.5 x 18.5 cm)
- 2.5 mils (.064 mm) thick
- Box of 100



**PLAIN BLENDER BAGS**

**B01421**

- 55 oz. (1,627 ml)
- 7½" W x 12" L (19 x 30 cm)
- 3.0 mils (.076 mm) thick
- Box of 1000

**B01474**

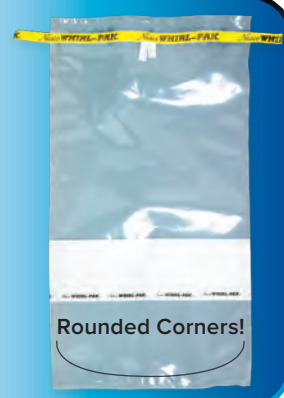
- 184 oz. (5,441 ml)
- 15" W x 30" L (37.5 x 50 cm)
- 4.0 mils (1.02 mm) thick
- Box of 250



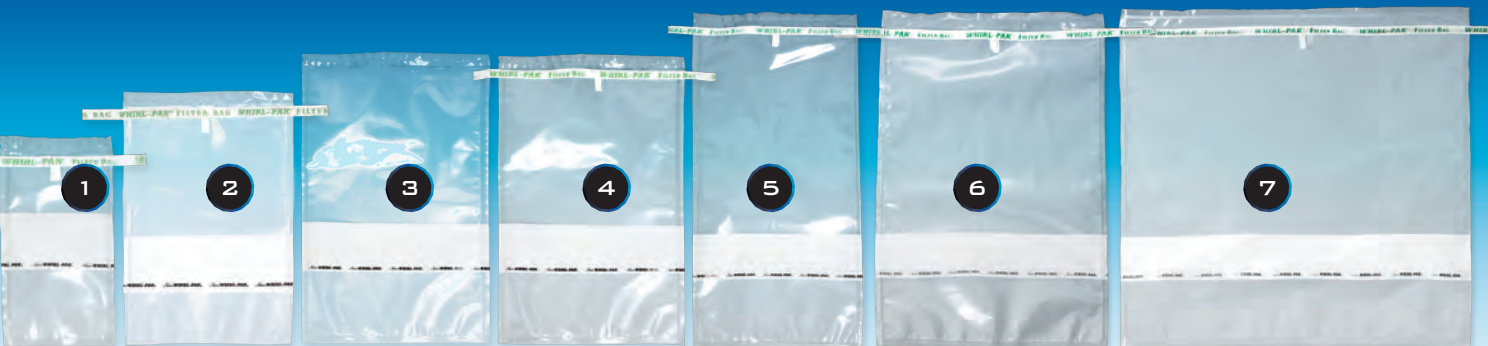
**BLENDER BAG WITH ROUND BOTTOM SEAL**

**B01239**

- 52 oz. (1,538 ml)
- 7" W x 13" L (18.5 x 33 cm)
- 4.0 mils (.102 mm) thick
- Round bottom seal
- Box of 500



**FILTER BAGS (SEE PAGE 10)**



**1. B01385**

- 7 oz. (207 ml)
- 3¾" W x 7" L (9.5 x 18 cm)
- 3.0 mils (.076 mm) thick
- Box of 250

**2. B01348**

- 24 oz. (710 ml)
- 6" W x 9" L (15 x 23 cm)
- 4.0 mils (.102 mm) thick
- Box of 250

**3. B01547**

- Without closure
- 55 oz. (1,627 ml)
- 7½" W x 12" L (19 x 30 cm)
- 4 mils (.102 mm) thick
- Box of 250

**4. B01318**

- 55 oz. (1,627 ml)
- 7½" W x 12" L (19 x 30 cm)
- 4.0 mils (.102 mm) thick
- Box of 250

**5. B01416**

- 69 oz. (2,041 ml)
- 7½" W x 15" L (19 x 38 cm)
- 4.0 mils (.102 mm) thick
- Box of 250

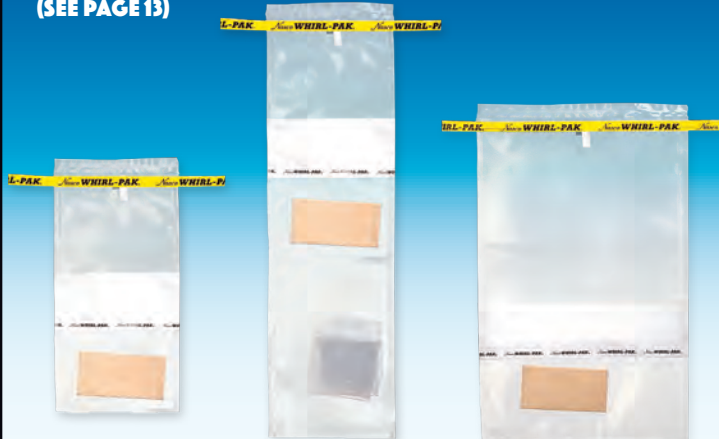
**6. B01488**

- 92 oz. (2,721 ml)
- 10" W x 15" L (25.4 x 38 cm)
- 4.0 mils (.102 mm) thick
- Box of 100

**7. B01525**

- 138 oz. (4,080 ml)
- 15" W x 15" L (37.5 x 37.5 cm)
- 4.0 mils (.102 mm) thick
- Box of 100

**SPECI-SPONGE ENVIRONMENTAL  
SURFACE SAMPLING BAGS**  
(SEE PAGE 13)



**B01245**

- **Sponge for surface sampling**
- 18 oz. (532 ml)
- 4½" W x 9" L (11.5 x 23 cm)
- 2.5 mils (.064 mm) thick
- Box of 100

**B01392**

- **With sterile glove**
- 18 oz. (532 ml)
- 4" W x 9" L (11.5 x 23 cm)
- 2.5 mils (.064 mm) thick
- Box of 100

**B01299**

- **Sponge for surface sampling**
- 55 oz. (1,627 ml)
- 7½" W x 12" L (19 x 30 cm)
- 4.0 mils (.102 mm) thick
- Box of 100

**BLACK BAGS FOR LIGHT  
SENSITIVE SAMPLES**  
(SEE PAGE 19)



**B01472**

- **Opaque film for light protection**
- 4 oz. (118 ml)
- 3" W x 7¼" L (7.5 x 18.5 cm)
- 2.5 mils (.064 mm) thick
- Box of 500

**B01418**

- **Opaque film for light protection**
- 18 oz. (532 ml)
- 4½" W x 9" L (11.5 x 23 cm)
- 2.5 mils (.064 mm) thick
- Box of 500

**B01558**

- **Opaque film for light protection**
- 55 oz. (1,627 ml)
- 7½" W x 12" L (19 x 30 cm)
- 4.0 mils (.102 mm) thick
- Box of 500

**HYDRATED SPONGE BAGS**  
(SEE PAGE 12)



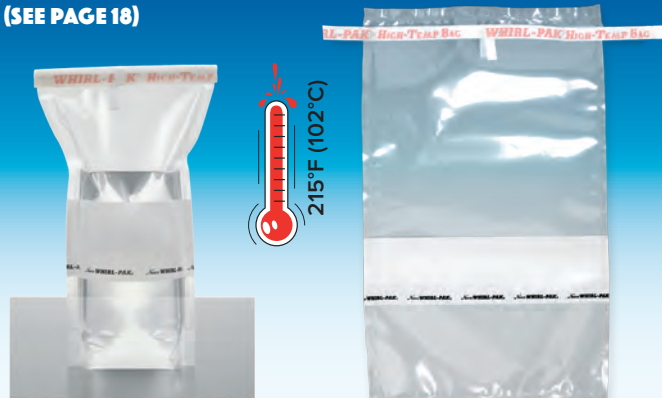
**B01422**

- **Neutralizing Buffer**
- 18 oz. (532 ml)
- 4½" W x 9" L (11.5 x 23 cm)
- 2.5 mils (.064 mm) thick
- Box of 100

**B01423**

- **Neutralizing Buffer with sterile glove**
- 18 oz. (532 ml)
- 4" W x 9" L (11.5 x 23 cm)
- 2.5 mils (.064 mm) thick
- Box of 100

**HIGH TEMPERATURE BAGS**  
(SEE PAGE 18)



**B01429**

- **Special film for hot fill samples**
- Stand-Up Bag
- 18 oz. (532 ml)
- 4½" W x 9" L (11.5 x 23 cm)
- 3.0 mils (.076 mm) thick
- Box of 500

**B01549**

- **Special film for hot samples**
- 55 oz. (1,627 ml)
- 7½" W x 12" L (19 x 30 cm)
- 3 mils (.076 mm)
- Box of 500

**SPONGE PROBE**  
(SEE PAGE 13)



**B01475**

- **Probe with dry sponge**
- 24 oz. (710 ml)
- 6" W x 9" L (15 x 23 cm)
- 3 mils (.076 mm) thick
- Box of 50

**SPOON/SCOOP BAGS (SEE PAGE 18)**



**B01478**

- **With sterile teaspoon**
- 8 fl. oz. (532 ml)
- 4½" W x 9" L (11.5 x 23 cm)
- 2.5 mils (.064 mm) thick
- Box of 100

**B01350**

- **With 2-oz. (60 ml) scoop**
- 18 fl. oz. (532 ml)
- 4½" W x 9" L (11.5 x 23 cm)
- 2.5 mils (.064 mm) thick
- Box of 50



- B01364**  
4 oz.  
(118 ml)
- B01365**  
18 oz.  
(532 ml)
- B01401**  
24 oz.  
(710 ml)
- B01448**  
27 oz.  
(798 ml)
- B01449**  
36 oz.  
(1,065 ml)
- B01450**  
42 oz.  
(1,242 ml)
- B01451**  
69 oz.  
(2,041 ml)
- B01542**  
138 oz.  
(4,080 ml)



Stand-Up Bags make it very easy to add material to the bag and to remove sample for testing or analysis. The flat bottom ensures stability and the wire tabs hold the top open for easy access.



Sample taking in Kenya using a Whirl-Pak® Stand-Up Bag, **B01364**

**WHIRL-PAK® STAND-UP BAGS**

The Whirl-Pak® Stand-Up Bag makes sample handling and testing much easier because it gives users the ability to perform important laboratory functions with both hands, since the bag will stand completely by itself. No rack or other holder is needed to keep the bag upright. When the sample is placed inside, the special gusseted bottom flattens out, allowing the bag to stand up on its own. It works just like a beaker or bottle, however, it costs less, is sterilized, won't break, and uses only a fraction of storage space as the other containers. Available in eight sizes with a convenient write-on strip for easy sample identification.

Cat. No.	Bag Capacity		Size		Thickness		Wire	Bags/Box
	oz.	ml	in.	cm	mils	mm		
1. <a href="#">B01364</a>	4 oz.	118 ml	3" W x 7¼" L	.5 x 18.5 cm	2.5 mils	.064 mm	2 Round	500
2. <a href="#">B01365</a>	18 oz.	532 ml	4½" W x 9" L	11.5 x 23 cm	3 mils	.076 mm	2 Round	500
3. <a href="#">B01401</a>	24 oz.	710 ml	6" W x 9" L	15 x 23 cm	3 mils	.076 mm	2 Round	500
4. <a href="#">B01448</a>	27 oz.	798 ml	5" W x 12" L	12.5 x 30.5 cm	3 mils	.076 mm	2 Round	250
5. <a href="#">B01449</a>	36 oz.	1,065 ml	5" W x 15" L	12.5 x 38 cm	4 mils	.102 mm	1 Round, 1 Flat	250
6. <a href="#">B01450</a>	42 oz.	1,242 ml	6" W x 15" L	15 x 38 cm	4 mils	.102 mm	1 Round, 1 Flat	250
7. <a href="#">B01451</a>	69 oz.	2,041 ml	7½" W x 15" L	19 x 38 cm	4 mils	.102 mm	1 Round, 1 Flat	250
8. <a href="#">B01542</a>	138 oz.	4,080 ml	15" W x 15" L	38 x 38 cm	4 mils	.102 mm	1 Round, 1 Flat	100





**STAND-UP HIGH TEMPERATURE BAG**

For hot fill samples with a temperature up to **215° F (102° C)**, the Whirl-Pak® high temperature bag is specially made for this application. The FDA approved film is a co-extrusion of low density polyethylene and nylon that will hold liquids, solids, sauces, gravies, and other samples having a high temperature. The 18-oz. (532 ml) bag is self standing and does not need a rack or special holder to keep it upright, making sample collection safe and easy. The write-on strip provides an easy place to list sample information on the bag. **(Do not put bag in boiling water.)** Film thickness is 3.0 mils (0.076 mm). Box of 500. Sh. wt. 7 lbs. (3.17 kg).

**B01429**



**B01401**



**B01451**

**STAND-UP BLENDER BAGS**

Have the convenience of using a bag that will stand up by itself. No rack or special holder is needed for this Whirl-Pak® Stand-Up bag. It has a special gusset on the bottom which flattens out when the sample is placed inside, allowing it to stand up completely by itself. Both hands are free to work with the sample, saving time and money in the process.

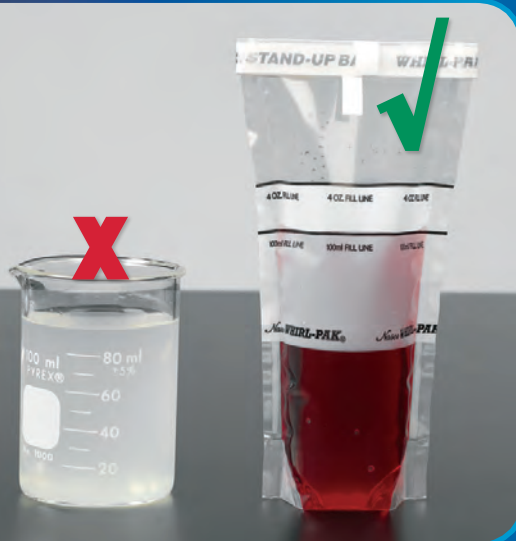
**24-oz. (710 ml) Stand-Up Bag.** Film thickness: 3.0 mils (.076 mm). Box of 500. Sh. wt. 8 lbs. (3.63 kg).

**B01401**

**69-oz. (2,041 ml) Stand-Up Bag.** Film thickness: 4.0 mils (102 mm). Box of 250. Sh. wt. 9.50 lbs. (4.31 kg).

**B01451**

**BEAKERS VS. WHIRL-PAK® STAND-UP BAGS**



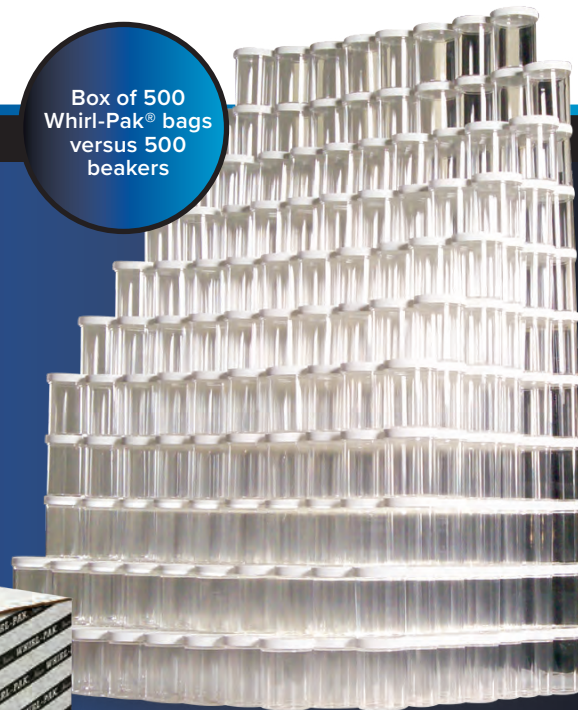
**WHIRL-PAK® STAND-UP BAG**

- Self-standing
- Pre-sterilized
- Unbreakable
- Compact
- Write-on area
- Self-contained closing tab

**JAR/BEAKER**

- Stands Up
- Not sterile
- Breakable
- Takes up space
- Needs labels
- Needs cover
- Additional disposal costs

Box of 500 Whirl-Pak® bags versus 500 beakers



## FILTER BAGS

Filter Bags contain a third layer of finely perforated polyethylene film, which filters out solids in the blended sample, allowing for easy pipetting of the liquid. 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 on one side.

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

Open-top view



**B01385**  
Box of 250

**B01348**  
Box of 250

**B01547**  
Box of 250

**B01318**  
Box of 250

**B01416**  
Box of 250

**B01488**  
Box of 100

**B01525**  
Box of 100

### WHIRL-PAK® BLENDER BAGS

Bag Number	Film Thickness		Size		Capacity	
	mils	mm	in.	cm	oz.	ml
<a href="#">B01385</a> (Filter)	3.0	.076	3¾" W x 7" L	9.5 x 18 cm	7 oz.	207 ml
<a href="#">B01348</a> (Filter)	4.0	.102	6" W x 9" L	15 x 23 cm	24 oz.	710 ml
<a href="#">B01547</a> (No Closure with Filter)	4.0	.102	7½" W x 12" L	19 x 30 cm	55 oz.	1,627 ml
<a href="#">B01318</a> (Filter)	4.0	.102	7½" W x 12" L	19 x 30 cm	55 oz.	1,627 ml
<a href="#">B01416</a> (Filter)	4.0	.102	7½" W x 15" L	19 x 38 cm	69 oz.	2,041 ml
<a href="#">B01488</a> (Filter)	4.0	.102	10" W x 15" L	25.4 x 38 cm	92 oz.	2,721 ml
<a href="#">B01525</a> (Filter)	4.0	.102	15" W x 15" L	37.5 x 37.5 cm	138 oz.	4,080 ml
<a href="#">B01239</a> (Round-Bottom Seal)	4.0	.102	7" W x 13" L	18.5 x 33 cm	52 oz.	1,538 ml



**B01573**



**B01572**

### 5-SLOT PAKRACK

Close your Whirl-Pak® bags with locking pipes and hang them on the PakRack. Store your samples safely with this rack made from a sanitizer-safe material for easy cleaning. Sh. wt. 10 lbs. (4.54 kg).

[B01573](#)

### BAG-FILLING STAND

Keep your Whirl-Pak® bags open using this bag lab bag holder. Place included adhesive putty near the top of the rack to hold Whirl-Pak® bags open for easy filling. Sh. wt. 2.75 lbs. (1.25 kg).

[B01572](#)

**Replacement Adhesive Putty.** For use with Bag-Filling Stand above. Package of 80. Sh. wt. 4.50 lbs. (2.04 kg).

[B01571](#)

### 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 sterile 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 sterile Whirl-Pak® bag, which can be closed after each use. Box of 20 packs (500 sleeves). Sh. wt. 2.50 lbs. (1.13 kg).

[B01523](#)

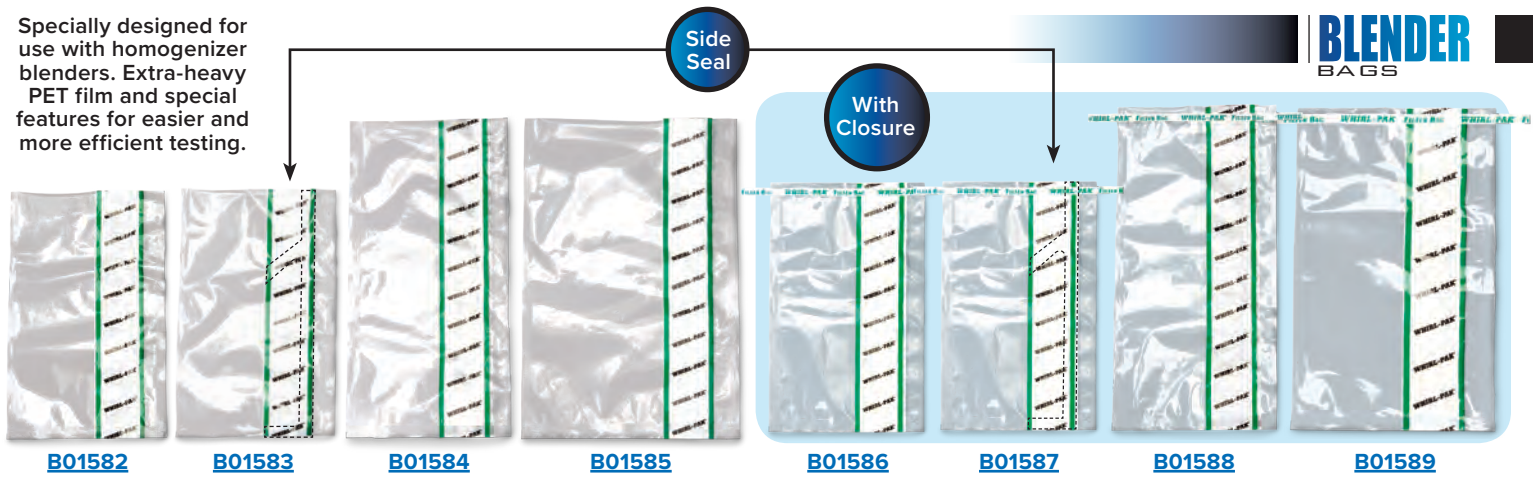


### LOCKING PIPE CLOSURES

These handy, cost-effective locking pipes allow you to temporarily close a Whirl-Pak® bag without having to whirl it closed for an air- and watertight seal. Use the locking pipes with the Filter Bag with no closure ([B01547](#)) to save money. Autoclavable. Pack of 50 nonsterile closures. Sh. wt. 1.25 lbs. (0.57 kg).

[B01550](#)

Specially designed for use with homogenizer blenders. Extra-heavy PET film and special features for easier and more efficient testing.



**NEW WHIRL-PAK® VERTICAL FILTER BAGS**

Bags use a special laminated PET film for durability and a vertical nonwoven filter to separate solids for easy pipetting of the liquid sample. Available with or without a closure, each bag contains a 250 micron polyester filter adhered vertically along the side of the 3 mil (0.76 mm) bag. Easy-pour side seal allows you to simply pour liquid out of the bag without also emptying solids.

Cat. No.	Capacity		Size		Bags/Box	Sh. wt.	
	oz.	ml	in.	cm		lbs.	kg
<a href="#">B01582</a> (Filter)	55 oz.	1,627 ml	7½" W x 12" L	19 x 30 cm	250	6 lbs.	2.72 kg
<a href="#">B01583</a> (Filter & Side Seal)	55 oz.	1,627 ml	7½" W x 12" L	19 x 30 cm	250	6 lbs.	2.72 kg
<a href="#">B01584</a> (Filter)	69 oz.	2,041 ml	7½" W x 15" L	19 x 38 cm	250	7.50 lbs.	3.41 kg
<a href="#">B01585</a> (Filter)	92 oz.	2,721 ml	10" W x 15" L	25.4 x 38 cm	100	4.50 lbs.	2.04 kg
<a href="#">B01586</a> (Filter, Closure)	55 oz.	1,627 ml	7½" W x 12" L	19 x 30 cm	250	7 lbs.	3.18 kg
<a href="#">B01587</a> (Filter, Side Seal, Closure)	55 oz.	1,627 ml	7½" W x 12" L	19 x 30 cm	250	7 lbs.	3.18 kg
<a href="#">B01588</a> (Filter, Closure)	69 oz.	2,041 ml	7½" W x 15" L	19 x 38 cm	250	8.50 lbs.	3.86 kg
<a href="#">B01589</a> (Filter, Closure)	92 oz.	2,721 ml	10" W x 15" L	25.4 x 38 cm	100	5 lbs.	2.27 kg



Stomacher® 400

**STOMACHER® 400 CIRCULATOR LAB BLENDER**

The world's leading laboratory paddle blender for food microbiologists! 18⅞" L x 16½" W x 16⅙" H (480 x 420 x 430 mm). Three-year warranty and 10-year service support. Sh. wt. 61 lbs. (27.67 kg).

- [B01563](#) 110V
- [B01562](#) 240V

**STOMACHER® 3500 JUMBO LAB BLENDER**

22⅝" L x 22⅙" W x 22" H (575 x 570 x 560 mm). Three-year warranty; 10-year service support. Sh. wt. 101 lbs. (45.81 kg).

- [B01560](#) 110V
- [B01561](#) 240V



**ROUND BOTTOM SEAL**

Designed to minimize sample fragments from getting caught in the corners of the bag during blending. Box of 500. (See chart on pg. 10.) Sh. wt. 15 lbs. (6.80 kg).

[B01239](#)



Perforation for easy opening

**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).** Thickness 3.0 mils (.076 mm). Box of 1,000 bags. Sh. wt. 20 lbs. (9.07 kg).

[B01421](#)

**15" W x 20" L (37.5 x 50 cm).** Thickness 4.0 mils (.102 mm). Box of 250 bags. Sh. wt. 23 lbs. (10.43 kg).

[B01474](#)

Hydrated with HiCap™ Neutralizing Broth



**NEW**

## WHIRL-PAK® HYDRATED POLYSPONGE™ BAGS

Make environmental surface sampling faster and easier with these pre-moistened sponge bags. Durable high-density polyurethane sponge is ready to use and resists tearing and fraying. Each sponge is packed in a sealed 18-oz. (532 ml) write-on bag and is hydrated with 16 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 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).

To use the sponge, tear open the top of the Whirl-Pak® bag, squeeze out any excess HiCap™ Neutralizing Broth, swab the surface, insert the sponge back into the bag, fold the top of the bag over three or more times, and bend in the wire tabs to close. Send to a lab for testing.

**B01591** contains a sterile glove. To use the glove, tear off the glove pack along the perforation. The glove is folded with the wrist opening extended so it can be extracted from the pouch and fitted without touching the hand area.

**B01590 Without Glove.** Sh. wt. 8 lbs. (3.63 kg)

**B01591 With Sterile Glove.** Sh. wt. 14 lbs. (6.36 kg)

## HICAP™ NEUTRALIZING BROTH FORMULATION FEATURES

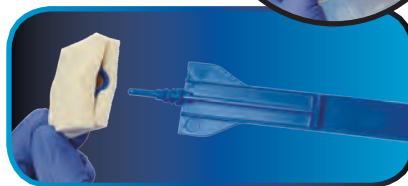
- Has sufficient buffering capacity to handle low pH (high acid sanitizers)
- Only includes components that are found on U.S. Food and Drug Administration's EAFUS (Everything Added to Food in the United States) list, as materials acceptable for inclusion in food
- Only includes components that are considered to be nonallergenic
- Does not contain agents (citrate, bisulfite, and thiosulfate) that are reported to interfere with 3M™ Petrifilm™
- Includes vegetable peptones (not digested with animal-derived enzymes) and yeast extract, instead of meat peptones or meat extracts
- Does not interfere with established immunoassays or newer generation molecular diagnostic tests with genetic amplification
- Can be stored at a temperature range of 35.6° to 86° F (2° to 30° C)

**NEW**

## WHIRL-PAK® HYDRATED POLYPROBE™

Designed for surface sampling and effective in hard-to-reach areas, the 8" (20.3 cm) long probe consists of a polypropylene holder with detachable handle that is adhered to a durable polyurethane sponge that resists tearing and fraying. Probe is packaged in a sealed 24-oz. (710 ml) write-on bag and hydrated with 10 ml of HiCap™ Neutralizing Broth. Product is terminally gamma processed to guarantee sterility. Box contains five foil pouches with 20 probes each for a total of 100 probes. 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). To use, tear open the top of the bag, squeeze out any excess neutralizing broth, swab the surface, insert the sponge back into the bag and, while holding the sponge from the outside, unscrew the handle and discard. Drop the sponge into the bag, fold the top of the bag over three or more times, bend in the wire tabs to close, and send to a lab for testing. Sh. wt. 8 lbs. (3.63 kg)

**B01592**



HiCap™ is a registered trademark of World Bioproducts, LLC.

## WHIRL-PAK® HYDRATED SPECI-SPONGE® BAGS

Gamma radiated! Whirl-Pak® hydrated Speci-Sponge® bags save time and money for environmental surface sampling. They are 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. To use, squeeze out excess liquid from the sponge by squeezing the bag from the outside. Wipe the surface, return sponge to bag, and send to a lab for analysis.

**B01423** contains a non-handed, large-size, sterile glove in a separate compartment. To use, tear off the glove pack, hold glove by the extended end and shake open, being careful not to touch the hand area. Both bags are 18 oz. (532 ml), 2.5 mils (.064 mm) thick.

Diluent has a 24-month shelf life from the date of manufacture. Neutralizing buffer contains monopotassium phosphate, sodium thiosulfate, and aryl sulfonate complex. Box of 100.

**B01422 Without Glove.** Sh. wt. 5.50 lbs. (2.49 kg).

**B01423 With Sterile Glove.** Sh. wt. 7 lbs. (3.18 kg).

WHIRL-PAK

WHIRL-PAK

**B01423**

Sterile Glove

**B01422**



Add diluent of your choice.



Wipe surface with sponge.



Place sponge in bag, close, and send to laboratory.



## WHIRL-PAK® SPECI-SPONGE® BAGS

The Whirl-Pak® Speci-Sponge® bag is 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. It measures approximately 1½" x 3" x 5/8" (3.8 x 7.6 x 1.5 cm) thick when wet, and is sterilized inside a Whirl-Pak® bag. Wearing a sterile glove when wiping with the sponge is recommended to help prevent contamination. After the sample has been collected and the sponge returned to the bag, it can be sent to a lab for testing. Media may be added directly to the bag and the sample incubated for a +/- test, or the sample may be squeezed out of the sponge, pipetted, and plated out.

### 18-OZ. (532 ML) SPECI-SPONGE® BAG

Size: 4½" W x 9" L (11.5 x 23 cm). Film thickness: 2.5 mils (.064 mm). Box of 100. Sh. wt. 1.75 lbs. (0.79 kg).

**B01245**

### 55-OZ. (1,627 ML) SPECI-SPONGE® BAG

The bag measures 7½" W x 12" L (19 x 30 cm) and is designed to be used in a homogenizer blender for thorough mixing of the sample and media. The sample may be plated out or used as a pre-enrichment broth later. This is standard procedure for USDA-ARS to identify foodborne pathogens. Film thickness: 4.0 mils (.102 mm). Box of 100. Sh. wt. 4.25 lbs. (1.93 kg).

**B01299**

### 18-OZ. SPECI-SPONGE® BAG WITH STERILE GLOVE

Includes a sterile, non-handed, large-size polyethylene glove attached in a bottom compartment. To use, tear off the glove pack along the perforation. The glove is folded with the open end slightly extended so the glove can be held and shaken open without touching the hand area. Bag thickness is 2.5 mils (.064 mm). Bag size: 4½" W x 9" L (11.5 x 23 cm). Box of 100. Sh. wt. 3.50 lbs. (1.58 kg).

**B01392**



### WHIRL-PAK® SPONGE PROBE

The Whirl-Pak® Sponge Probe is designed for surface sampling and is effective for hard-to-reach areas. The sponge is adhered to a holder that is screwed onto a handle (both pieces are made of polypropylene). The probe is sterilized with ethylene oxide gas inside a 24-oz. (710 ml) write-on bag. To use, add buffer to the bag, squeeze out the excess, swab the surface, insert the sponge back into the bag and, while holding it from the outside, unscrew the handle and discard. Close bag, and send to a lab for testing. The probe measures 8" (20.3 cm) long. Box of 50. Sh. wt. 2.50 lbs. (1.13 kg).

**B01475**

### NASCO SPONGE POLE WITH DETACHABLE SPONGE HOLDER

If sampling procedures require testing surfaces that are up high or hard to reach such as a window ledge, light fixture, air vent duct, inside a large tank, etc., the Nasco Sponge Pole will make the job easier and more efficient. The adjustable aluminum pole is 6 ft. (1.83 m) long and extends to 12 ft. (3.66 m). Sponges not included. Probe Adapter (**B01593**) sold separately. Sh. wt. 4 lbs. (1.81 kg).

**B01457**

**B01559** Replacement Sponge Holder. Sh. wt. 0.63 lbs. (0.29 kg).



**B01457**

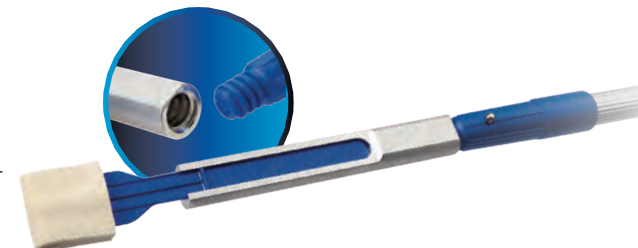
### BULK SPONGES

Non-sterile sponges 1½" x 3" (3.8 x 7.6 cm) for a variety of surface sampling applications. Sponges can be sterilized by radiation or autoclaving with the sponge placed in glass or other autoclavable container. Approx. 250 sponges per package. Sh. wt. 1.25 lbs. (0.57 kg).

**B01351**

**NEW** **Probe Adapter.** Designed for use with the Whirl-Pak® Sponge Probe or PolyProbe™. Aluminum pole adapter allows you to safely sample hard-to-reach areas such as ceilings or the inside of tanks. Threaded adapter can be easily and securely attached to most universally available extension poles in the market, including the Nasco Sponge Pole (**B01457**). Sh. wt. 0.38 lbs. (0.17 kg).

**B01593**





**NASCO MEAT/TURKEY CARCASS SAMPLING KIT**

This kit is designed for sampling meat and turkey carcasses to test for the presence of E. coli. The kit contains a pair of non-handed size large sterile polyethylene gloves, 25 ml buffered peptone water (the peptone water has an expiration date marked on the box), a Whirl-Pak® Speci-Sponge® bag, and two disposable sterile templates, one for meat carcasses (10 x 10 cm) and one for turkeys (5 x 10 cm). The disposable template eliminates the need for re-sanitizing reusable templates, saving time and money, making it easier to transport the template to the carcass. 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. Sh. wt. 4.25 lbs. (1.93 kg).

**B01324**

**NEW** Templates and Gloves Only. Sh. wt. 5 lbs. (2.27 kg)

**B01378**



**NASCO SAMPLE ICE CHEST**

Designed specifically for positive temperature control and proper protection of milk samples.

Features:

- Outside and inside walls made of extremely durable, ABS plastic
- Polyurethane foam insulation in walls and cover
- Recessed carrying grips
- Auxiliary ice storage compartment. Designed so milk hauler may use ice to surround samples at all times.
- Dimensions with cover: 16" L x 14¾" W x 9½" H (40.6 x 37.5 x 24.1 cm)
- Inside dimensions: 12¼" L x 13⅞" W x 7" H (31.12 x 35.3 x 17.8 cm)
- Color: pastel green

**C06115** Ice Chest with Cover. Sh. wt. 12 lbs. (5.44 kg).

**C06115(A)** Cover only. Sh. wt. 2.75 lbs. (1.25 kg).

**Nasco Racks for Ice Chest.** These racks hold 4-oz. (118 ml) bags and fit into the Nasco Milk Sample Ice Chest above (**C06115**). See rack dimensions on page 22.

**B00678** 15-Compartment Rack. Sh. wt. 0.81 lbs. (0.37 kg).

**B00772** 18-Compartment Rack. Sh. wt. 0.94 lbs. (0.43 kg).

**B00677** 21-Compartment Rack. Sh. wt. 1.25 lbs. (0.57 kg).



**NASCO POULTRY RINSE BAG**

Specially designed for poultry sampling, to test 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. It will hold small turkeys, chickens, and other similar size poultry. Following USDA instructions, place the bird in the bag, add the buffer, twist the bag shut, and fold it around the bird; with two hands rotate the bird several times to rinse the carcass thoroughly with the buffer. Next, remove the liquid and test for E. coli. Film thickness: 2.0 mils (.051 mm). Box of 250 bags. Sh. wt. 12 lbs. (5.44 kg).

**B01319**

**3M™ Bird Rinse with 400 ml Buffered Peptone Water Broth.**

Buffered peptone water broth is used as a diluent or for nonselective enrichment of microorganisms such as *Salmonella* species or *E. coli* from foods and environmental samples prior to selective enrichment and isolation. Solution is decontaminated through gamma irradiation to maintain organism viability and long shelf life. Made in the U.S.A. and ISO 9001:2008 certified for quality assurance. Intended for lab use only. Case of 35 bottles. Sh. wt. 39 lbs. (17.69 kg).

**B01574**

**3M™ Bird Rinse with 400 ml Butterfield's Buffer.** Butterfield's buffer is used as a diluent for the preparation of dilutions in plate count and other laboratory processes. It may also be used to dilute "washed" samples of poultry, cattle, or swine to be tested for generic E. coli. Solution is decontaminated through gamma irradiation to maintain organism viability and long shelf life. Made in the U.S.A. and ISO 9001:2008 certified for quality assurance. Intended for lab use only. Case of 35 bottles. Sh. wt. 39 lbs. (17.69 kg).

**B01575**



**OFFICIAL RECOMMENDATION**

According to *Standard Methods for the Examination of Dairy Products*, 16th edition, 1992, section 3.4, Sampling Raw Milk, para. 5b, "Do not expel air when folding or whirling plastic bags...Place samples immediately in a sample case with a mixture of ice and water, and protect them from becoming submerged in water." Whirl-Pak® bags and the Nasco Ice Chest meet both of these requirements.



[SB49979](#)

**ADENNA® NIGHT ANGEL® BLACK NITRILE POWDER-FREE EXAM GLOVES**

Ultra-soft and super-flexible gloves simulate the fit and feel of latex gloves. Durable gloves mask stains, inks, dyes, and grease while allowing the quick identification of potentially unsafe light-colored substances, making them perfect for forensic work. Boxes of 100. Sh. wt. 1.25 lbs. (0.57 kg).

- [SB49977](#) X-Small
- [SB49978](#) Small
- [SB49979](#) Medium

- [SB49980](#) Large
- [SB49981](#) X-Large



[C20030](#)

**NITRILE POWDER-FREE/LATEX-FREE DISPOSABLE GLOVES**

The perfect solution for those allergic to natural latex protein. These gloves, formulated with 100% synthetic nitrile polymer, are latex-free, powder-free, and odor-free. Textured surface provides strong grip for both wet and dry applications. The unique thermal-sensitive polymer compound absorbs body heat and conforms easily to user's hands; exerts virtually no pressure on the hands and reduces fatigue after extended wear. Box of 100 for sizes small, medium, and large; box of 90 for size X-large. 5 mil thickness. Sh. wt. 1.75 lbs. (0.79 kg).

- [C20030](#) Small
- [C20031](#) Medium

- [C20032](#) Large
- [C20033](#) X-Large



**SHOULDER-LENGTH GLOVES – DISPENSER PACK**

Shoulder-length 1/4-mil gloves with watertight, strongly welded seams. Universal size. Convenient dispenser package. Single usage only. Package of 100. Sh. wt. 2.50 lbs. (1.13 kg).

[C06271](#)



**NASCO STERILE GLOVES**

For sterile sampling situations or any laboratory procedure requiring sterile handling, these polyethylene gloves are economical and easy to use. They are packaged one pair in a sealed bag that is perforated for easy opening. Large. Box of 100 pairs. Sh. wt. 3.50 lbs. (1.59 kg).

[B01419](#)



[C17348](#)



[C24395](#)

**HEAVY-DUTY PLASTIC TIE BOOTS**

Over-the-shoe plastic boots are easy to slip on and off. Handy tie closure. Made of polyethylene. Can be worn once and discarded. 16" L x 21" H.

**4-mil Plastic Tie Boots.** Box of 50 (25 pairs). Sh. wt. 4.25 lbs. (1.93 kg).

[C14019](#)

**6-mil Plastic Tie Boots.** Box of 50 (25 pairs). Sh. wt. 5.50 lbs. (2.72 kg).

[C17348](#)

**SANITARY BOOT**

A disposable, embossed polyethylene boot. It has an elastic top to keep the boot up on the leg. Fits men's shoe size up to 12. 17" H. Heavy duty, 6 mil. Bag of 50. Color may vary. Sh. wt. 5 lbs. (2.04 kg).

[C24395](#)

**THIO-BAG® – EPA APPROVED FOR POTABLE WATER COLLECTION**

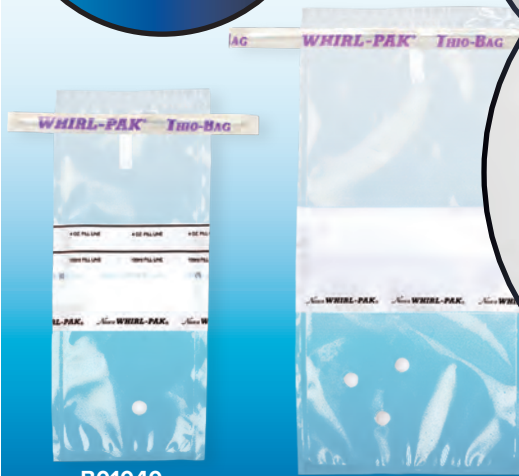
**THIO-BAG®**

Specially designed for sampling chlorinated water from municipalities, swimming pools, waste water, and other areas to test for fecal coliforms and other bacteria. (Can also be used for water treated with chloramine used in the same concentration as chlorine.) Each sterile bag contains a nontoxic, nonnutritive tablet containing 10 mg of 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, disposal costs, and replacing sample containers. Each sterilized bag has a convenient write-on strip. Box of 100 bags.

**B01040 100 ml Bag.** Each bag has 4 oz. and 100 ml fill lines to help collect the correct amount of water as required by Standards Methods (fill lines are approximate). Film thickness: 2.25 mils (.057 mm). Sh. wt. 0.88 lbs. (0.40 kg).

**B01254 300 ml Bag.** Ideal for running multiple tests. Each 18-oz. bag contains three times the amount of sodium thiosulfate as the smaller bag listed above and holds 300 ml when filled to the top of the white write-on strip (fill line). Film thickness: 2.5 mils (.064 mm). Sh. wt. 1.50 lbs. (0.68 kg).

Whirl-Pak® bags, including Thio-Bags®, are approved for collection of microbiological samples for "National Pollutant Discharge Elimination System" (NPDES) compliance monitoring.



**B01040**

**B01254**



300 ml sample being split into 100 ml units



**STAND-UP THIO-BAGS®**

The job of collecting water samples is easier with the Whirl-Pak® Stand-Up Thio-Bag®! A special gusset on the bottom of the bag flattens out when water is put in the bag, allowing it to stand up completely by itself. No rack or other holder is needed to keep the bag upright. Forget washing and sterilizing glass bottles and disposing of expensive vials. Sterile and unbreakable, these bags will save time and money whether working in the lab or in the field. Available in 100 ml and 500 ml sizes, the bags contain 10 or 30 mg of active sodium thiosulfate to neutralize chlorine in the sample. Box of 100.

**B01402 100 ml Bag.** Sh. wt. 0.94 lbs. (0.43 kg).

**B01403 500 ml Bag.** Sh. wt. 1.50 lbs. (0.68 kg).



**WASTE WATER THIO-BAG®**

Meets National Environmental Laboratory Accreditation Conference (NELAC) standard, June 2003, for sampling waste water treated with 15 mg/l of chlorine. Sterile, 100 ml bag contains 30 mg of sodium thiosulfate to neutralize chlorine. The bag has 100 ml and 4-oz. fill lines. Box of 100 bags. Sh. wt. 0.88 lbs. (0.40 kg).

**B01440**





**WATER SCOOP**

Designed for collecting water samples from swimming pools, streams, ponds, and other hard-to-reach places. Squeezing the handle together slightly helps open the bag, making collection easy. The handle is 11-gauge steel, 18" L (45.7 cm), and is electrostatically coated with a powder finish to provide durability and comfort. Two alligator clips on the end will hold a variety of bag sizes, making sample collection easy and fast. Sh. wt. 0.25 lbs. (0.11 kg).

**B01079**

**WHIRL-PAK® COLI-TEST BAG FOR COLOR-CHANGING REAGENTS**

If water samples are being tested with **color-changing reagents (reagents not included)**, this bag can be used in place of the expensive bottle currently used. The bag is made of a special **barrier film** suitable for use with enzyme-based methods that result in a chromogen and/or a fluorogen release when total coliform and *E. coli* are present. It is sterile, contains 10 mg of active sodium thiosulfate to neutralize chlorine at time of collection, has 4 oz. and 100 ml fill lines, and is completely self-standing — no rack or holder is needed. If the sample is not chlorinated, this bag can still be used; the sodium thiosulfate is nontoxic and non-nutritive, and only neutralizes chlorine if present.

**A free color comparator is included in every box. The Coli-Test bag has been accepted by the EPA and is listed in the EPA Manual for the Certification of Laboratories Analyzing Drinking Water Section 5.3.1.4, 5th edition, January 2005.**

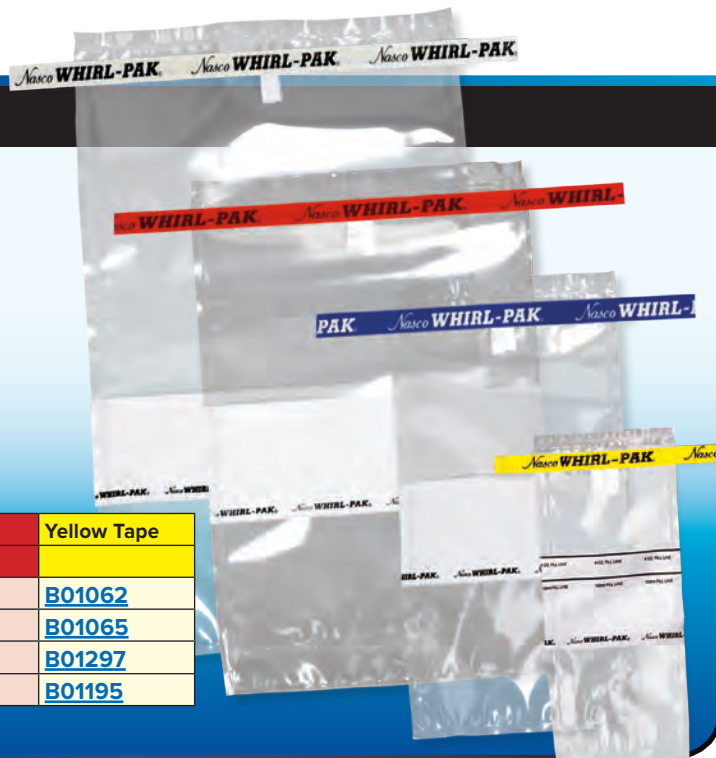
The Coli-Test bag will save money three ways: less expensive than the bottle, lower freight charges, and reduced disposal costs. A box containing 100 bags measures 9" L x 7" W x 2" H (23 x 18 x 5 cm) and weighs 1 lb. (0.40 kg), compared to a box of bottles which has considerably more volume and weight. Film thickness is 2.5 mils (0.064 mm). Box of 100 in sealed packs of 25. Sh. wt. 0.88 lbs. (0.40 kg).

**B01417**

**Whirl-Pak® Coli-Test Bag without Sodium Thiosulfate for Color-Changing Reagents**

Same as bag above, but it does not have a sodium thiosulfate tablet. (Reagents not included.) Sh. wt. 1.50 lbs. (0.68 kg).

**B01570**



**WHIRL-PAK® COLOR**

**AVAILABLE NOW** — Whirl-Pak® bags with tape colors of white, blue, and red for 4-oz. (118 ml), 18-oz. (532 ml), 24-oz. (710 ml), and 55-oz. (1,627 ml) bags. This exciting new feature allows you to isolate samples according to the colored tape, providing an instant visual indicator for each section of the lab or plant, differentiate between treated and non-treated samples, or keep allergens separated from regular samples.

Bag Size		White Tape	Blue Tape	Red Tape	Yellow Tape
oz.	ml				
4 oz.	118 ml	<a href="#">B01062(WT)</a>	<a href="#">B01062(BT)</a>	<a href="#">B01062(RT)</a>	<a href="#">B01062</a>
18 oz.	532 ml	<a href="#">B01065(WT)</a>	<a href="#">B01065(BT)</a>	<a href="#">B01065(RT)</a>	<a href="#">B01065</a>
24 oz.	710 ml	<a href="#">B01297(WT)</a>	<a href="#">B01297(BT)</a>	<a href="#">B01297(RT)</a>	<a href="#">B01297</a>
55 oz.	1,627 ml	<a href="#">B01195(WT)</a>	<a href="#">B01195(BT)</a>	<a href="#">B01195(RT)</a>	<a href="#">B01195</a>

**B01429**



**B01549**



**HIGH TEMPERATURE BAGS**

For hot samples with a temperature up to **215° F (102° C)**, the Whirl-Pak® high temperature bag is specially made for this application. The FDA approved film is a co-extrusion of low density polyethylene and nylon that will hold liquids, solids, sauces, gravies, and other samples having a high temperature. **(Do not put this bag in boiling water.)** Film thickness is 3 mils (.076 mm). Box of 500.

**18-oz. (532 ml) Stand-Up Bag.** Self-standing bag with write-on strip does not need a rack or special holder to keep it upright, making sample collection safe and easy. Sh. wt. 7 lbs. (3.18 kg).

**B01429**

**55-oz. (1,627 ml) Bag.**  
Sh. wt. 11 lbs. (4.99 kg).

**B01549**

**WHIRL-PAK® DETECTABLE BAGS**

Steel wire used for bag closure is detectable with standard metal detection equipment. Protect your product and maintain quality with these sampling bags.

**18-oz. Bag.** 18 oz. (532 ml). 4½" W x 9" L (11.5 x 23 cm). 2.5 mils (.064 mm) thick. Box of 500. Sh. wt. 5.50 lbs. (2.49 kg).

**B01545**

**42-oz. Bag.** 42 oz. (1,242 ml). 6" W x 15" L (15 x 38 cm). 3 mils (.076 mm) thick. Box of 500. Sh. wt. 14 lbs. (6.35 kg).

**B01546**



**B01545**

**B01546**

**SPOON & SCOOP BAGS**



**WHIRL-PAK® SPOON BAG**

For an easy way to collect a sample of a dry product, try the Whirl-Pak® Spoon Bag. An 18-oz. (532 ml) write-on bag contains a sterile, disposable polystyrene plastic spoon of approximately 1 teaspoon capacity. Minimize possible contamination by opening only one package instead of two when collecting the sample. It is ideal for a wide range of dry products, powders, and other similar materials. Box of 100. Sh. wt. 2.25 lbs. (1.02 kg).

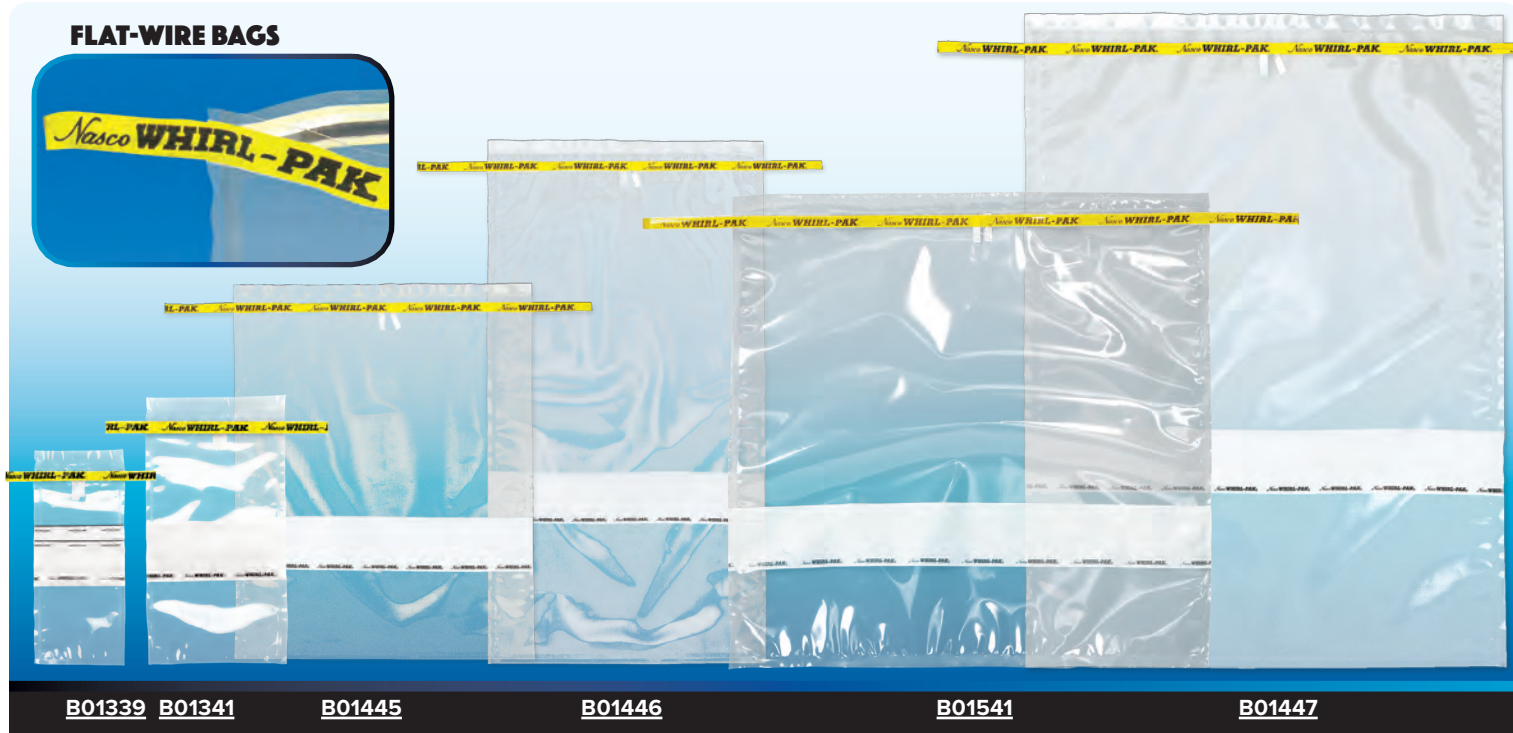
**B01478**

**WHIRL-PAK® SCOOP BAG**

For fast, convenient sampling of a variety of materials, the Whirl-Pak® Scoop Bag will save time and money. The sterile scoop is already contained inside the bag, eliminating the need to carry two items to collect the sample and minimizing contamination. The 2-oz. (60 cc) polypropylene scoop measures 7" (18.5 cm) long, and comes in an 18-oz. (532 ml) bag. Film thickness: 2.5 mils (.064 mm). Box of 50 bags. Sh. wt. 2.75 lbs. (1.25 kg).

**B01350**

**FLAT-WIRE BAGS**



**B01339 B01341**

**B01445**

**B01446**

**B01541**

**B01447**

**FLAT-WIRE WRITE-ON SAMPLE BAGS**

The flat wire provides a thicker tab, resulting in a heavier closure which is preferred in some applications. The aluminum wire features "PUNCTURE-PROOF TABS," so the wire ends are completely covered, eliminating any sharp, cutting, exposed edges. The aluminum will not rust when coming in contact with water or other liquids. The 4-oz. and 18-oz. bags are made with one flat wire only. The other sizes have one round and one flat wire to ensure the bag is closed securely. When closing the larger bags, fold tab over tightly 4-5 times. Volume measurements are approximate. All bags include a convenient write-on strip.

Cat. No.	Capacity		Size		Thickness		Bags/Box	Sh. wt.	
	oz.	ml	in.	cm	mils	mm		lbs.	kg
<a href="#">B01339</a>	4 oz.	118 ml	3" W x 7¼" L	7.5 x 18.5 cm	2.25 mils	.057 mm	500	3 lbs.	1.36 kg
<a href="#">B01341</a>	18 oz.	532 ml	4½" W x 9" L	11.5 x 23 cm	2.5 mils	.064 mm	500	5 lbs.	2.30 kg
<a href="#">B01445</a>	92 oz.	2,721 ml	10" W x 15" L	25.4 x 38 cm	4 mils	.102 mm	250	14 lbs.	6.35 kg
<a href="#">B01446</a>	123 oz.	3,637 ml	10" W x 20" L	25.4 x 50.8 cm	4 mils	.102 mm	250	18 lbs.	8.17 kg
<a href="#">B01541</a>	138 oz.	4,080 ml	15" W x 15" L	38 x 38 cm	4 mils	.102 mm	100	10 lbs.	4.54 kg
<a href="#">B01447</a>	184 oz.	5,441 ml	15" W x 20" L	38 x 50.8 cm	4 mils	.102 mm	100	12 lbs.	5.44 kg

**WHIRL-PAK® BLACK BAG**

When it is necessary to protect a sample from light, the Whirl-Pak® black bag is specially designed for this application. The polyethylene film is made from pigmented resins so the black color is an integral part of the bag and not a printed layer. The result is an opaque bag providing maximum protection for samples that are sensitive to light. It is ideal for pharmaceuticals, spinal fluid, amniotic fluid, seasonings, flavors, food supplements, vitamins, marine life, and many other liquid or solid products. It is FDA approved for food contact. Film thickness is 2.5 mils (0.064 mm), box of 500.

Ideal for pharmaceuticals, seasonings, flavors, food supplements, vitamins, marine life, and other light sensitive samples.

[B01472](#) 4 oz. (118 ml).  
Sh. wt. 3 lbs. (1.36 kg).

[B01418](#) 18 oz. (532 ml).  
Sh. wt. 4.75 lbs. (2.15 kg).

[B01558](#) 55 oz. (1,627 ml).  
Sh. wt. 17 lbs. (7.71 kg).



**POCKET BAG**

You'll find many uses for this bag featuring an outside pocket for paperwork. The pocket on this 24-oz. (710 ml) bag measures 5¾" W x 5½" L (13.7 x 14.2 cm) and keeps important paperwork dry, clean, and separate from the sample. By folding the top over a few extra times, the pocket will be closed completely, securing the paperwork inside. Bag measures 6" W x 9" L (15 x 23 cm). Film thickness: 2.5 mils (.064 mm). Box of 500 bags. Sh. wt. 8 lbs. (3.62 kg).

[B01255](#)

# BAG YOUR EVIDENCE IN A WHIRL-PAK®

- ✓ Blended polyethylene bag for maximum strength
- ✓ Sterilized for contamination-free storage

- ✓ Leakproof closing tab for solids and liquids
- ✓ Optional security tape for tamper protection (see pages 21 and 33 for details)



Tear off top of bag

Place sample in bag

Fold tab over 3 times and bend wire ends

WHIRL-PAK  
Shel: Seem  
Location: 24A  
Address: M.  
Case no: 001558  
WHIRL-PAK

WHIRL-PAK  
HAIR SAMPLE  
CASE 158010  
2/6/04  
Murphy, H.  
WHIRL-PAK

WHIRL-PAK  
Gloves

SEAL  
APR  
15  
2004  
WHIRL-PAK

WHIRL-PAK  
STAND-UP B  
8 QU-GHAT5  
Beer Sample  
7/08/04  
Case #: 015789  
WHIRL-PAK

*Handwritten note:*  
... on ...  
... that ...  
...  
...

WHIRL-PAK  
Location: Oak Street Greenfield, J. Date: 10/22/04  
WHIRL-PAK  
WHIRL-PAK  
WHIRL-PAK  
WHIRL-PAK  
WHIRL-PAK  
WHIRL-PAK  
WHIRL-PAK  
WHIRL-PAK  
WHIRL-PAK  
WHIRL-PAK

# DOSIMETER BAG/NUCLEAR SAMPLING

## WHIRL-PAK® NUCLEAR BAGS (NON-STERILE)

These bags are specially designed to protect a dosimeter from moisture and contamination when working in a nuclear power plant or other hazardous area. The bold, red stripes make the bag highly visible so it will be seen quickly if it falls into the cooling water. The dosimeter can be read easily through the clear polyethylene, so there is no need to remove it. The extra long wire tabs on the bag make it convenient to attach to coveralls and other clothing. Fold the bag over two to three times to close, and twist the ends of the tab together to secure it in place. The strong polyethylene won't break and is SEG (Scientific Ecology Group) incinerable.

### 5" W x 10" L (12.5 x 25.4 cm) Nuclear Bag.

Two 1½" W (3.8 cm) stripes. 2.5 mils (.064 mm) thick. Box of 500. Sh. wt. 7 lbs. (3.18 kg).

**B01485**

### 6" W x 10" L (15 x 25.4 cm) Nuclear Bag.

Two 1½" W (3.8 cm) stripes. 2.5 mils (.064 mm) thick. Box of 500. Sh. wt. 6.50 lbs. (2.95 kg).

**B01521**



## SECURITY TAPE STRIP

Make Trans-Pak® specimen bags and other containers tamperproof with this unique security label. Provides immediate evidence of tampering! Made of a destructible material with a permanent adhesive back that tears when removal is attempted — it's impossible to remove this label in one piece! Set up time for tape is approximately 2½ hours. Label size: 1⅜" W x 6⅝" L (3.4 x 16.6 cm). Pkg. of 100 labels. Sh. wt. 0.38 lbs. (0.17 kg).

**B01240**



# WHIRL-PAK® TRANS-PAK® SPECIMEN BAG (NON STERILE)

Are the people transporting specimens in your facility fully protected? Be sure with Nasco's Trans-Pak® Biohazard Bag! The Trans-Pak® has a special added feature: a unique outside pouch to separate important patient paperwork from the inside of the bag and the specimen — eliminating misplaced documents! The specimen transport bag also features:

- Biohazard symbol required by OSHA (Occupational Safety and Health Administration)
- Unbreakable polyethylene
- Easy to handle
- Positive closure with "PUNCTURE-PROOF TABS"
- Minimum storage and carrying space

This unique specimen security system has a positive closure that is guaranteed leakproof when properly closed. "PUNCTURE-PROOF TABS" cover the wire ends and protect the bags against piercing. If you want your staff protected, don't settle for anything less than the Whirl-Pak® Trans-Pak® bag, and ensure their safety! The 6" W x 9" L (15 x 23 cm) 24 oz. Trans-Pak® bags are available in boxes of 500. Pouch measures 5⅜" W x 5¾" L (13.7 x 14.6 cm). Sh. wt. 8 lbs. (3.63 kg).

**B01253**

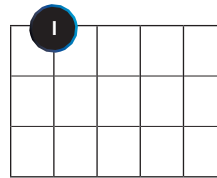
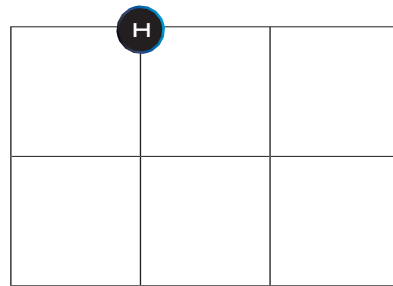
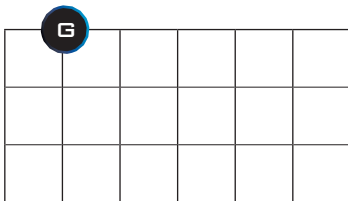
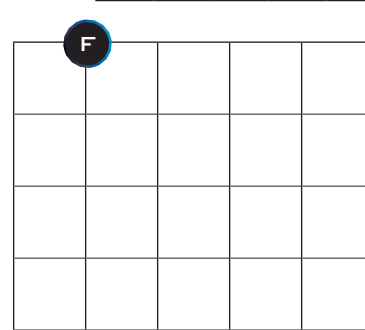
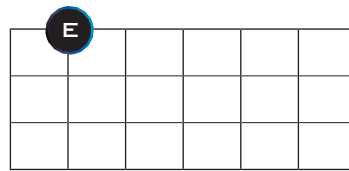
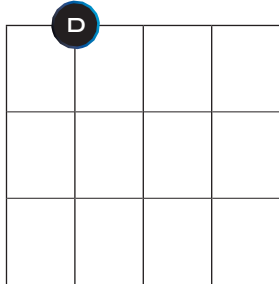
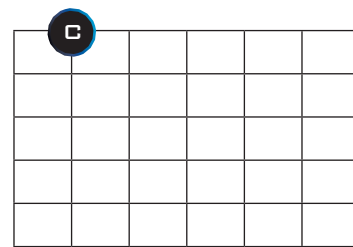
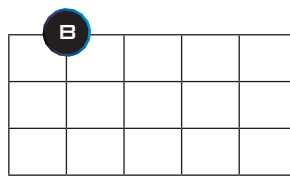
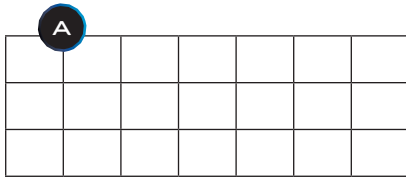


Place specimen in bag.

Place paperwork in external pouch with patient information facing out.

## WHIRL-PAK® RACKS

These racks are specially designed to hold all 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 rack can be autoclaved. **Max dry temperature is 300° F (148° C) and wet temperature 500° F (260° C).** Dimensions listed above are approximate. The [B01048](#) rack can also be used for plate incubation by turning it on one side.



Racks E and I fit Playmate® Coolers!

Rack Part No.	Rack Size		Compartments	Compartment Size		Sh. wt.	
	in.	cm		in.	cm	lbs.	kg
A. <a href="#">B00677</a>	6½" x 12½" x 3"	16.5 x 31.8 x 7.6	21	1⅝" x 2"	4 x 5	1.25 lbs.	0.57 kg
B. <a href="#">B00678</a>	6½" x 9" x 3"	16.5 x 23 x 7.6	15	1⅝" x 2"	4 x 5	0.81 lbs.	0.37 kg
C. <a href="#">B00750</a>	9¾" x 10⅝" x 3"	24.8 x 27 x 7.6	30	1½" x 2"	3.8 x 5	1.50 lbs.	0.68 kg
D. <a href="#">B00751</a>	10" x 10" x 3½"	25.4 x 25.4 x 9	12	3" x 2⅜"	7.6 x 6	1.50 lbs.	0.68 kg
E. <a href="#">B00772</a> 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	0.94 lbs.	0.43 kg
F. <a href="#">B01014</a>	13⅝" x 10⅝" x 4"	34 x 27 x 10.2	20	2½" x 2½"	6.4 x 6.4	2.00 lbs.	0.91 kg
G. <a href="#">B01023</a>	6½" x 12¾" x 3"	16.5 x 32.4 x 7.6	18	2" x 2"	5 x 5	1.25 lbs.	0.57 kg
H. <a href="#">B01048</a>	13¾" x 9¼" x 4½"	35 x 23.5 x 11.4	6	4½" x 4½"	11.4 x 11.4	1.75 lbs.	0.79 kg
I. <a href="#">B01109</a> Fits little Playmate® Cooler	8¼" x 6" x 3¼"	21 x 15.2 x 8.3	15	1¼" x 1½"	4.4 x 3.8	0.69 lbs.	0.31 kg
J. <a href="#">B01533</a> With handle (shown on page 23)	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	1.25 lbs.	0.57 kg
K. <a href="#">B01534</a> With handle (shown on page 23)	7" dia. x 12" H	17.8 dia. x 30 H	1	7" dia. x 12" H	17.8 dia. x 30 H	1.25 lbs.	0.57 kg
L. <a href="#">B01535</a> With handle (shown on page 23)	9" dia. x 12" H	23 dia. x 30 H	1	9" dia. x 12" H	23 dia. x 30 H	1.25 lbs.	0.57 kg



**RACK HANDLE**

Universal rack handle fits all sizes of racks, making it easy to carry a full rack in one hand. Lightweight, strong, and comfortable to hold. Attaches and detaches easily and quickly, so it never gets in the way. Designed to prevent rack from tipping while it's carried. Overall length: 18" (45.7 cm). Sh. wt. 0.50 lbs. (0.23 kg).

**B01309**



**Whirl-Pak® Bag**  
**Part Number**

Catalog No.	pg	Capacity			RACKS												
		oz.	ml		A	B	C	D	E	F	G	H	I	J	K	L	
<a href="#">B01067</a>	5	1	29	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01009</a>	5	2	58	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01064</a>	5	2	58	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01040</a>	6		100	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01402</a>	6		100	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01417</a>	6		100	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01062</a>	5	4	118	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B00679</a>	5	4	118	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01364</a>	8	4	118	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01472</a>	7	4	118	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B00992</a>	5	7	207	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01385</a>	6	7	207	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01489</a>	5	7	207	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01254</a>	6		300	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01018</a>	5	13	384	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01490</a>	5	13	384	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01403</a>	6		300	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B00736</a>	5	18	532	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01065</a>	5	18	532	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01365</a>	8	18	532	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01418</a>	7	18	532	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01429</a>	7	18	532	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01020</a>	5	24	710	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01063</a>	5	24	710	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01196</a>	5	24	710	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01253</a>	19	24	710	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01255</a>	5	24	710	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01297</a>	5	24	710	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01348</a>	6	24	710	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01401</a>	8	24	710	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B00990</a>	5	27	798	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01448</a>	8	27	798	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01491</a>	5	27	798	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B00994</a>	5	36	1,065	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01449</a>	8	36	1,065	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01027</a>	5	42	1,242	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01450</a>	8	42	1,242	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01239</a>	6	52	1,538	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01195</a>	5	55	1,627	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01299</a>	7	55	1,627	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01318</a>	6	55	1,627	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01532</a>	5	55	1,627	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01323</a>	5	69	2,041	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01416</a>	6	69	2,041	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01451</a>	8	69	2,041	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01515</a>	5	69	2,041	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01445</a>	5	92	2,721	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01446</a>	5	123	3,637	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<a href="#">B01447</a>	5	184	5,441	.	.	.	.	.	.	.	.	.	.	.	.	.	.



**NASCO SAMPLE ICE CHEST**

Designed specifically for positive temperature control and proper protection of milk samples.

**Features:**

- Outside and inside walls made of extremely durable, ABS plastic
- Polyurethane foam insulation in walls and cover
- Recessed carrying grips
- Auxiliary ice storage compartment. Designed so milk hauler may use ice to surround samples at all times.
- Dimensions with cover: 16" L x 14¾" W x 9½" H (40.6 x 37.5 x 24.1 cm)
- Inside dimensions: 12¼" L x 13⅞" W x 7" H (31.12 x 35.3 x 17.8 cm)
- Color: pastel green

**C06115** Ice Chest with Cover. Sh. wt. 12 lbs. (5.44 kg).

**C06115(A)** Cover only. Sh. wt. 2.75 lbs. (1.25 kg).

**Nasco Racks for Ice Chest.** These racks hold 4-oz. (118 ml) bags and fit into the Nasco Milk Sample Ice Chest above (C06115). See rack dimensions on page 22.

**B00678** 15-Compartment Rack. Sh. wt. 0.81 lbs. (0.37 kg).

**B00772** 18-Compartment Rack. Sh. wt. 0.94 lbs. (0.43 kg).

**B00677** 21-Compartment Rack. Sh. wt. 1.25 lbs. (0.57 kg).



## MAGNETIC MINI-STIRRER

With this compact, lightweight stirrer, lack of laboratory bench space is no longer a concern. This stirrer incorporates electronic controls that allow the user to regulate the speed with greater precision. In addition to speed control, a limiter ensures that the maximum speed will never be exceeded. Incorporates a device that will stop the motor from accelerating as soon as the load is removed. The 120 x 120 x 45 mm housing is constructed of ABS plastic to resist most harmful chemicals in the lab. Comes with a 25 mm long, non-stick coated magnetic stir bar. For use with bags [B01365](#), [B01401](#), [B01448](#), and [B01449](#). Maximum stirring capacity: 1 liter. Speed range: 100 rpm to 1,000 rpm. Sh. wt. 1.75 lbs. (0.79 kg).

[SB25139](#)

## SPINBAR® MAGNETIC STIRRING BARS – SCIENCEWARE®

Octagonal stirring bars with integral pivot ring are made of Alnico magnet encapsulated in FDA Grade, USP Class VI nonstick PTFE low friction coating. Durable and inert, their interrupted profile provides greater surface area and added turbulence when compared to the smooth surface of cylindrical bars. Can be autoclaved.

Set of 4. Includes one of each stirring bar listed below. Sh. wt. 0.50 lbs. (0.23 kg).

[SB50621](#)

### Individual Stirring Bars.

Sh. wt. 0.13 lbs. (0.06 kg).

[SB07307](#) Size ½" x 5/16"

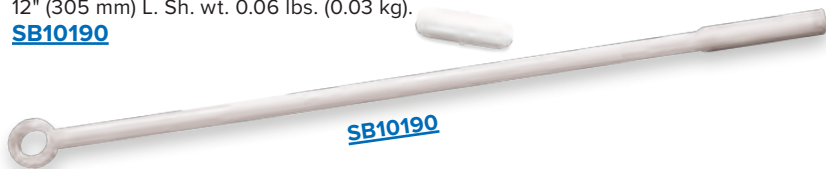
[SB07308](#) Size 1" x 5/16"

[SB07309](#) Size 1½" x 5/16"

[SB07310](#) Size 2" x 5/16"

**Magnetic Spinbar® Retriever.** A 3/8" (9.5 mm) dia. polypropylene pick-up rod with powerful Alnico magnet sealed in one end and handy hang-up grip on other. 12" (305 mm) L. Sh. wt. 0.06 lbs. (0.03 kg).

[SB10190](#)



[SB10190](#)

## IMPULSE BAG SEALER

For a permanent seal on a Whirl-Pak® Bag, this tabletop thermal impulse sealer provides a quick, efficient means for sealing any type of thermo-plastic film. Provides air and watertight seals.

Maximum seal size is 8" (20 cm). 110V, 260 watts.

220V available through special order.

Sh. wt. 7 lbs. (3.17 kg).

[B01311](#)



## Heat Strip Replacement Kit.

Heat strip replacement kit for bag sealer, above. Kit includes two upper hook-and-loop strips, one lower hook-and-loop strip, and two element wires.

Sh. wt. 0.02 lbs. (0.01 kg).

[B01444](#)



## MARKING PEN

For marking on Whirl-Pak® bags without a write-on strip, this permanent, waterproof marking pen is ideal. It has a fine point so numbers and letters can be written easily; it also has a clip so it can be attached to clothing. Sh. wt. 0.06 lbs. (0.03 kg).

[B01180](#)



Testing water at Bad Axe, MI

## NASCO SLUDGE NABBER

The Nasco Sludge Nabber makes sample collection of liquids fast and easy. It has an adjustable aluminum pole that extends from 4 to 6½ feet (1.22 to 1.99 m). Sample bottles of various sizes (250 ml to 1,000 ml) are held in a polyurethane holder by a plastic snapper ring that has an adjustable locking device. Unit comes with a 500 ml polyethylene bottle. See accessories on page 25. One-year warranty. Sh. wt. 3 lbs. (1.36 kg).

[B01229](#)



### NASCO SWING SAMPLER

When collecting a sample from a horizontal flowing stream, such as a sewer, the Nasco Swing Sampler is specially designed for this application!

- The end of the sampler swings, allowing collection from different angles, including 90°.
- The 6-ft. (1.83 m) adjustable fiberglass pole extends to 12 ft. (3.66 m) and the 8-ft. (2.44 m) pole extends to 24 ft. (7.32 m) providing a long length for any sampling situation.
- Unit comes with a 960 ml polyethylene bottle and the cover has a vinyl liner for leak-proof protection. The bottle is attached to a polyurethane holder and is held in place with a plastic snapper ring that has an adjustable locking device. Other types of bottles may be used, but a different type of fastener may be required to hold the bottle in place. One-year warranty.

12-ft. (3.66 m) Swing Sampler.

Sh. wt. 5.50 lbs. (2.49 kg).

[B01310](#)

Pole Lock Replacement.

For use with [B01310](#) and

[B01367](#).

Sh. wt. 0.19 lbs (0.09 kg).

[B01456](#)

24-ft. (7.32 m) Swing Sampler. Sh. wt. 10 lbs. (4.50 kg).

[B01366](#)

Pole Lock Replacement. For use with [B01366](#).

Sh. wt. 0.25 lbs (0.11 kg).

[B01527](#)



[B01456](#)

### REPLACEMENT PARTS

6-ft. Pole Plastic Grip (A). Sh. wt. 0.25 lbs. (0.11 kg).

[B01529](#)

Bottle Holder. Sh. wt. 0.69 lbs. (0.31 kg).

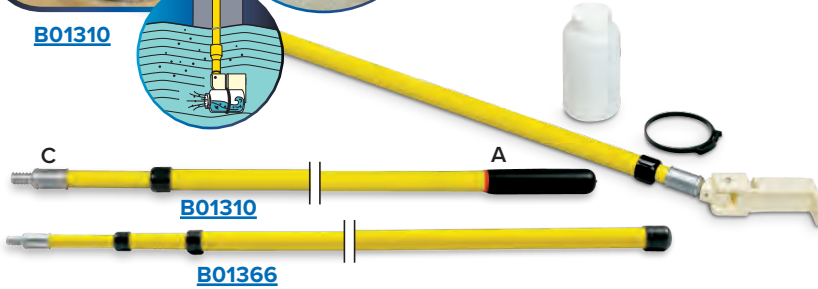
[B01354](#)

Replacement Threaded Tip (C). For use with 6-ft. and 8-ft. poles. Sh. wt. 0.31 lbs. (0.14 kg).

[B01531](#)



[B01310](#)



[B01310](#)

[B01366](#)



Sampling Pole



[B01367](#)



Sampling Line



[B01368](#)

### NASCO SAMPLING POLE 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. Sh. wt. 5.50 lbs. (2.49 kg).

[B01367](#)

Replacement Bag Holder and Retainer Rings. Sh. wt. 0.75 lbs. (0.34 kg).

[B01380](#)

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

If the liquid is a long way down, use the Whirl-Pak® nylon sampling line (25 ft. / 7.62 m). The heavy urethane bag holder is specially designed to hold bags up to 69 oz. (2,041 ml). 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 unit comes in a convenient carrying case with three sizes of retainer rings to hold the bag. Sh. wt. 2.50 lbs. (1.13 kg).

[B01368](#)

### ACCESSORIES FOR SWING SAMPLER & SLUDGE NABBER

#### SETTLEOMETER KIT

This kit is used in water and wastewater treatment to evaluate sludge quality and settling. It also indicates solid/liquid separation characteristics of sludge samples. The kit includes an acrylic settleometer, wide mixing paddle, snap-on lid, and instructions. It is calibrated in percent and settled sludge volume (SSV). The beaker holds 47.3 oz. (1.41 L), measures 4½" (11.4 cm) in diameter, and is 8½" (21.6 cm) tall. Sh. wt. 1.25 lbs. (0.57 kg).

[B01173](#)



#### WIDE-MOUTH BOTTLES

The bottles are made from a food-grade, high-density polyethylene in a natural color. They are recyclable, but not sterile or autoclavable. The plastic caps have a vinyl liner to ensure a tight fit.

1. [B01243](#) 500 ml bottle. Pkg. of 12. Sh. wt. 1.25 lbs. (0.57 kg).

2. [B01244](#) 960 ml bottle. Pkg. of 12. Sh. wt. 1.50 lbs. (0.68 kg).

#### SNAPPER ATTACHMENTS

Durable plastic locking rings hold sample bottle securely.

1. **Small Snapper.** Holds 500 ml bottle. Sh. wt. 0.06 lbs. (0.03 kg).

[B01219](#)

2. **Large Snapper.** Holds 960 ml bottle. Sh. wt. 0.13 lbs. (0.01 kg).

[B01220](#)



## 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
- Not autoclavable
- **Do not use to sample ethanol or ethanol-blended motor fuel (see Nasco Fuel Sampler [B01477](#) on page 28)**
- 1-year warranty

### To use:

1. Slowly lower the Sludge Judge® to the bottom of the tank (**picture 1**).
  - The float valve opens (**figure A**), allowing materials to flow in. When the bottom has been reached and the pipe had been filled to the surface level, tug slightly on the rope as the unit is raised.
  - This sets the check valve (**figure B**), trapping the mixture inside.
2. When the unit has been raised clear of the liquid, the amount of solids in the sample can be read (**picture 2**) using the 1 ft. (0.31 m) increments marked on the pipe sections. To release the material in the unit, touch the pin extending from the bottom section against a hard surface. This opens the check valve to drain the sample.

### The Sludge Judge®

- Holds approximately 3 oz. per foot (89 ml per 0.31 m)
- Consists of 3/4" (1.90 cm) plastic tubing
- Do not use in liquids over 165° F (74° C)

**\*C09247 15-ft. (4.60 m) Sludge Judge Complete Unit.** Sh. wt. 3.25 lbs. (1.47 kg).

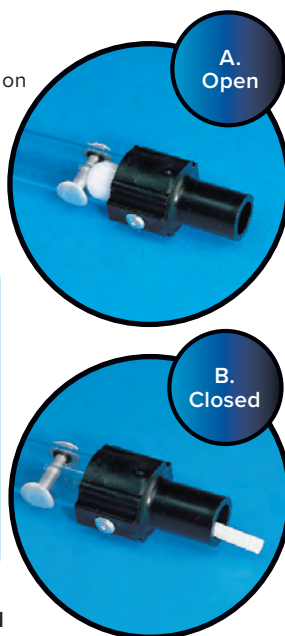
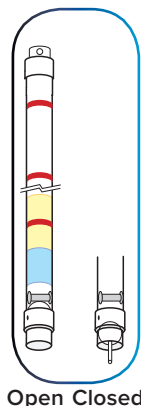
**C09252 5-ft. (1.53 m) Top Section with Rope.** Sh. wt. 1.25 lbs. (0.60 kg).

**C09251 5-ft. (1.53 m) Extension Sections.** Sh. wt. 1.50 lb. (0.68 kg).

**C09250 5-ft. (1.53 m) Bottom Section with Valve.** Sh. wt. 1.50 lbs. (0.68 kg).

**C14516 Optional 2 1/2-ft. (0.80 m) Top Section with Rope.** Sh. wt. 0.81 lbs. (0.37 kg).

\*See accessories on page 28.



## 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 minimizes 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
- 3/4" dia. tubing is marked with blue tape to designate the 1-ft. measurements

**\*B01386 Sludge Judge® Ultra Complete Unit.** Sh. wt. 3.75 lbs. (1.47 kg).

**B01387 5-ft. (1.53 m) Top Section with Rope.** Sh. wt. 1.75 lbs. (0.79 kg).

**B01388 5-ft. (1.53 m) Extension Section.** Sh. wt. 1.50 lbs. (0.68 kg).

**B01389 5-ft. (1.53 m) Bottom Section with Valve.** Sh. wt. 1.75 lbs. (0.79 kg).

\*See accessories on page 28.



## THE SLUDGE JUDGE® II – LARGE CAPACITY

- 1¼" (3.18 cm) outside diameter plastic tubing is very rigid when assembled
- Holds 6 oz. per foot (178 ml per .31 m)
- Do not use in liquids over 165° F (74° C)

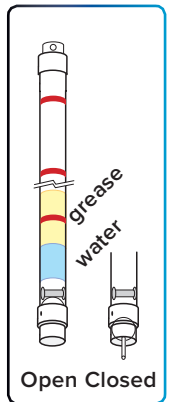
- [B01355](#) Sludge Judge® II Complete Unit. Sh. wt. 4 lbs. (1.81 kg).
- [B01358](#) 5-ft. (1.53 m) Top Section with Rope. Sh. wt. 1.50 lbs. (0.68 kg).
- [B01357](#) 5-ft. (1.53 m) Extension Section. Sh. wt. 1.50 lbs. (0.68 kg).
- [B01356](#) 5-ft. (1.53 m) Bottom Section with Valve. Sh. wt. 1.50 lbs. (0.68 kg).
- [B01361](#) 6-ft. (1.83 m) Cleaning Brush. Sh. wt. 1.25 lbs. (0.57 kg).



## NASCO GREASE TRAP SAMPLER

For measuring the grease level in a holding tank, the grease trap sampler is designed for sampling liquid grease and oils. It will not work with solid or semi-hardened materials. The inside diameter measures 1⅜" (3.5 cm) allowing small food particles to easily pass through the valve opening during sample collection. The clear tubing is easy to see through and the 1 ft. (0.31 m) red markers show the amount of grease accumulated in the tank. To use, slowly lower the sampler to the bottom of the tank — the valve opens and the liquid fills the tube. Lift the sampler up which closes the valve, holding the sample inside, showing the grease level. To empty, touch the plastic tip on a hard surface, and the liquid will flow out. The unit is made of two 4-ft. (1.22 m) sections that screw together. Optional extension section (below), and cleaning tools available, see page 29.

- [B01322](#) Nasco Grease Trap Sampler Complete Unit. Sh. wt. 3 lbs. (1.40 kg).
- [B01479](#) Top Section Only. Sh. wt. 2.25 lbs. (1.02 kg).
- [B01349](#) 4-ft. (1.22 m) Extension Section. Sh. wt. 2.25 lbs. (1.02 kg).
- [B01480](#) Bottom Section Only. Sh. wt. 2.25 lbs. (1.02 kg).



## NASCO TANK SAMPLER – SPECIFIC DEPTH SAMPLING

Taking a sample at a specific depth is easy with Nasco's Tank Sampler. Available as a 10-ft., 3.05 m unit, it is made up of two 5-ft. (1.53 m) sections that screw together. An extension section is available to make the unit longer. The sampler is made of a tough, ¾" (1.9 cm) diameter, special plastic pipe. Sampler holds approximately 3 oz. per foot (89 ml per 30.50 cm).

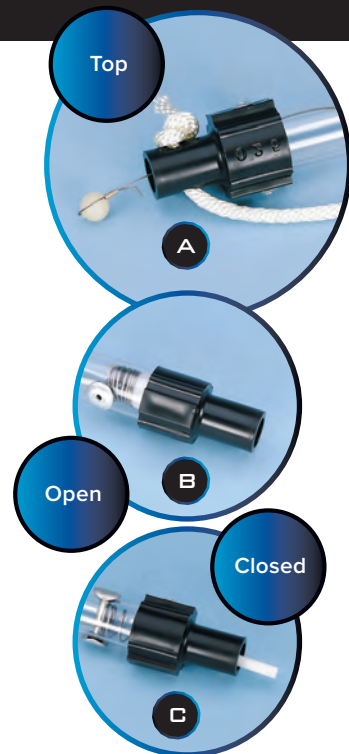
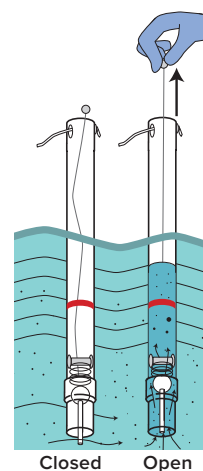
To use:

1. Screw the two sections together and lower the unit to the specific depth required. The sampler is marked in 1 ft. (.3 m) increments.
2. Pull and hold the stainless steel wire at the top (**figure A**), which opens the valve (**figure B**), allowing the liquid to flow in.
3. Release the wire allowing the valve to close (**figure C**), trapping the sample inside.
4. To release the sample, hold the sampler in the middle at about a 15° angle and pull the wire, holding the end over an appropriate container (Whirl-Pak® bag), or press and hold the pin on the bottom against a hard surface such as the bottom of a pail. This will release the valve and the sample will flow out. The sampler is not autoclavable, do not use at temperatures over 165° F (74° C).

- [B01096](#) 10-ft. (3.05 m) Tank Sampler Complete Unit. Sh. wt. 2.50 lbs. (1.13 kg).

[C09249](#) Case for Sampler. Holds four 5-ft. (1.52 m) sections of any Sludge Judge® products. Made of cotton canvas. Sh. wt. 0.50 lbs. (0.23 kg).

[B01097](#) Section Extension. Extension sections in 5-ft. (1.53 m) lengths are available to extend the Sampler and come with a length of stainless steel wire. To extend the unit, remove rope, untie the original wires, add the new wire between the two, and slide the wire through all the sections. NOTE: Because of flexibility of the plastic, longer units are subject to more bending when filled with liquid. Sh. wt. 1.50 lbs. (0.68 kg).





**NASCO FUEL SAMPLER**

For sampling ethanol and ethanol-blended motor fuels, the Nasco Fuel Sampler is efficient and easy to use. It is made up of three 5 ft. (1.53 m) sections of clear PVC that screw together to make a 15 ft. (4.60 m) length. As the sampler is lowered into the fuel tank, the float valve at the bottom opens, allowing the fuel up into the tube. When the bottom of the tank is reached, simply raise the sampler up to close the valve and hold the sample inside, showing a core section of the fuel. To empty, press the tip of the valve against the side of the tank and the contents will flow out. Clean the sampler with mild soapy water using the Nasco Cleaning Brush ([B01291](#)) shown on page 29. Sh. wt. 4 lbs. (1.81 kg).

[B01477](#)



**NASCO 6 FOOT FUEL SAMPLER WITH END CAP**

Ideal for taking fuel samples from 38"-64" dia. tanks. The sampler is made of one 6-ft. (1.83 m) piece of clear PVC with an end cap. This sampler is the perfect size for tank sampling, and the end cap allows for either a core sample or bottom sample. Insert the sampler to the bottom of the tank, add the cap, and pull a core sample; or add the cap first, then insert and remove cap for a bottom sample. Sh. wt. 2.25 lbs. (1.02 kg).

[B01555](#)



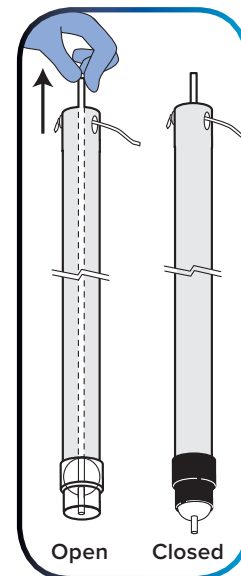
[B01098](#)

**NASCO COLIWASA-COMPOSITE LIQUID WASTE SAMPLER**

Nasco's COLIWASA permits representative sampling of multiphase wastes for a wide range of viscosity, corrosivity, volatility, and solids content. The unit can be used to sample most containerized liquid wastes, except those containing ketones, nitrobenzene, dimethylformamide, mesityl oxide, and tetrahydrofuran. Its simple design is easy to use, and allows the rapid collection of samples, minimizing the exposure of the sample collector to potential hazards from the wastes. Manufactured of high-density polyethylene (HDPE) and designed to EPA standards, the COLIWASA consists of a 5 ft. x 3/4" (1.53 m x 1.9 cm) ID tube and closing valve. Sampler holds approximately 3 oz. per foot (89 ml per .31 m). Not autoclavable. Sh. wt. 2 lbs. (0.91 kg).

- To use:**
1. Push down and hold the rod at the top to close the valve.
  2. Lower the COLIWASA to the proper level and pull up on the rod approximately 2"-3" (5-8 cm) to open the valve and collect the sample.
  3. Push the rod down to close the valve and remove the sampler from liquid. Pull up on the rod to empty the sample into an appropriate container **OR** hold the valve slightly open while submersing the COLIWASA into the liquid to collect the sample from the surface down to the desired level. Push the valve closed, remove from the liquid, and empty into a container.

[B01098](#)



Accessories  
for  
Sludge Judge®



**CARRY BAG FOR SAMPLER**

Holds four 5-ft. (1.52 m) sections of any Sludge Judge® products. Made of cotton canvas. Sh. wt. 0.50 lbs. (0.23 kg).

[C09249](#)



**CLEANING BRUSH**

After prolonged use, residue and filmy deposits may build up inside the Sludge Judge®. The cleaning brush used with a mild detergent and warm water will help break up these materials and 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. Use for Sludge Judge® and Sludge Judge® Ultra (page 26). 6 ft. (1.83 m) L. 1" (2.54 cm) dia. bristle. Sh. wt. 0.75 lbs. (0.34 kg).

[B01291](#)

**SOIL SAMPLING KITS**

These Soil Sampling Kits are made with the finest workmanship and materials. Augers and sampling tube parts are finely machined for smooth, easy sampling, and easily taken apart. Parts are marked at 6" intervals to indicate sampling depth.



**SOIL SAMPLE BAG**

This bag is used for sample submission for analytical assessment. Bag has square bottom that is heat sealed, making it sift proof. Has a volume of approximately 28 oz. (828 ml). Constructed of 50-lb. white clay-coated paper with .5-mil polyethylene liner. Comes with tin tie (attached). Bag measures 3<sup>3</sup>/<sub>8</sub>" W x 2<sup>1</sup>/<sub>2</sub>" gusset x 7<sup>3</sup>/<sub>4</sub>" H (8.56 x 6.35 x 19.7 cm). Box of 1,000. Sh. wt. 27 lbs. (12.25 kg).

[B01528](#)



**36" (0.92 M) HOFFER SOIL SAMPLER**

The sampler has an exclusive drawn probe cup, which gives an accurate profile of the soil for the entire depth of the sampler. The polished surface is triple-plated with copper, nickel, and chromium to give complete corrosion resistance. It wipes clean, ready for another sample. The exclusive drawn probe cuts a soil core slightly smaller than the diameter of the tube, enabling the core to rise in the tube without breaking as the sampler is pushed into the soil. Profile opening 1<sup>1</sup>/<sub>4</sub>" (36.2 cm), diameter approximately 1" (2.54 cm). Sh. wt. 1.75 lbs. (0.79 kg).

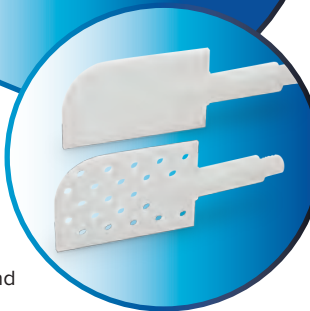
[C09000](#)

**DELUXE SOIL PROBE**

Simplify your sampling procedures with this heavy-duty soil probe with an easy-to-use foot stand for penetrating hard soils. The hand plunger easily ejects a soil sample from the heavy tube. This 36" (0.92 m) long tool takes a full 10" (0.26 m) core sample, 1" (2.54 cm) in diameter. Made of stainless steel for long life durability. Sh. wt. 4.25 lbs. (1.93 kg).

[C09414](#)

**Dynalab**<sup>®</sup>  
Labware  
quality . value . service



**COMPLETE LIQUID HANDLING AND STIRRING KIT**

Use this kit for industrial, food, and environmental applications to make sampling and stirring easy. Kit consists of 10 interchangeable components that screw to the handles via heavy-duty machined screw threads. Includes 1½-ft. (0.46 m) handle, 3-ft. (0.91 m) handle, 6-ft. (1.83 m) handle, three dipping beakers (250 ml, 500 ml, and 1,000 ml) with two spouts and graduations, two stirring paddles (one solid and one perforated for stirring more viscous materials), and two graduated chemically resistant PP bottles (one 100 ml bottle that fits into drums and one 500 ml bottle that fits into open vessels). Sh. wt. 9 lbs. (4.08 kg).

**B01568**



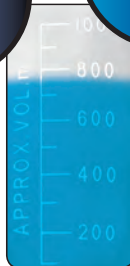
**B01569**



**B01263**

Graduations on the cup

Double pour spouts



**B01265**

**B01266**

**B01267**

**POLYETHYLENE DIPPERS**

High-density polyethylene dippers for removing samples from large tanks. Lightweight and durable. Comfortable, secure hand grip. Has two pour spouts and graduations, PVC grip handle. Dippers are not autoclavable.

**B01569** 16 oz. (500 ml), 1½-ft. (0.46 m) Handle. 4" (10.2 cm) dia. Sh. wt. 1.75 lbs. (0.79 kg).

**B01263** 16 oz. (500 ml), 3-ft. (0.91 m) Handle. 4" (10.2 cm) dia. Sh. wt. 2.25 lbs. (1.10 kg).

**B01264** 16 oz. (500 ml), 6-ft. (1.83 m) Handle. 4" (10.2 cm) dia. Sh. wt. 3 lbs. (1.36 kg).

**B01265** 16 oz. (500 ml), 12-ft. (3.66 m) Two-piece Handle. 4" (10.2 cm) dia. Sh. wt. 7 lbs. (3.20 kg).

**B01266** 32 oz. (1,000 ml), 3-ft. (0.91 m) Handle. 5⅜" (13.7 cm) dia. Sh. wt. 3 lbs. (1.36 kg).

**B01267** 32 oz. (1,000 ml), 6-ft. (1.83 m) Handle. 5⅜" (13.7 cm) dia. Sh. wt. 5 lbs. (2.26 kg).

**B01268** 32 oz. (1,000 ml), 12-ft. (3.66 m) Two-piece Handle. 5⅜" (13.7 cm) dia., (not pictured). Sh. wt. 8 lbs. (3.62 kg).



**B01264**



Ridged surface assures a secure grip!

**STERILEWARE® STERILIZED MINI-TONGS**

This sterile, compact tool will pick up a variety of samples preventing contamination in the process. The ridged inside surface assures a secure grip. Individually packaged to protect sterility. Made of polystyrene. Box of 25, 4¼" (10.8 cm) L. Sh. wt. 1.25 lbs. (0.57 kg).

**B01409**

**STERILEWARE® STERILIZED SAMPLING SPOON**

For sampling semi-solids, viscous liquids, or bulk materials, this large, sterile, polystyrene spoon is strong and easy to handle. It has a bowl size of 0.85 oz. (25 ml) and is 10" (25.4 cm) long. Individually packaged to protect sterility. Box of 25. Sh. wt. 3 lbs. (1.36 kg).

**B01408**



**NASCO STERILIZED SPOONS AND SPORKS**

Where sterile techniques are required for collection of samples, these gas sterilized spoons and sporks are ideal for use with Whirl-Pak® bags. These easy-to-use spoons and sporks are made of sturdy, durable polystyrene. The procedure for contamination-free use is to open the bag, push one spoon or spork up, pull it out, and reclose the bag. Spoons and sporks are packed 20 per bag. Free sample pack of 20 is available on request.

**B01041(A) Spoons.** Box of 100. Sh. wt. 1.25 lbs. (0.57 kg).

**B01042(A) Sporks.** Box of 100. Sh. wt. 0.88 lbs. (0.40 kg).

**STERILEWARE® STERILIZED SCOOPS**

One-piece molded polystyrene scoops with extra-long handles have the perfect shape for rapid sampling. Rounded contours prevent material retention. Case of 100, individually wrapped.

**B01161 8½" (21.6 cm) Scoop.** 8-oz. (250 ml) capacity. Sh. wt. 15 lbs. (6.80 kg).

**B01160 8¼" (22.1 cm) Scoop.** 4-oz. (125 ml) capacity. Sh. wt. 6.50 lbs. (2.95 kg).

**B01159 8" (20.3 cm) Scoop.** 2-oz. (60 ml) capacity. Sh. wt. 4.75 lbs. (2.15 kg).

**STERILEWARE® STERILIZED SPOON**

Designed to gather small amounts of sample material. The long handle permits easy reaching into confined areas and keeps hands away from the sample. Made of polystyrene. Spoon is 7" (17.8 cm) long. Individually packed in a polyethylene bag and sterilized. 1 tbsp. (14.17 ml) capacity. Case of 200 spoons. Sh. wt. 6 lbs. (2.72 kg).

**B01306**

**STAINLESS STEEL SCOOP**

This stainless steel scoop has a capacity of 5 oz. (148 ml). Perfect for sampling powder, soil, gravel, and other materials. Scoop is 2½" W x 9" L (6.4 x 23 cm). Pack of 12. Sh. wt. 3.50 lbs. (1.59 kg).

**B01344**



**STERILIZED PLASTIC SCOOPS, EXTRA LARGE**

Each scoop has been carefully washed to EPA protocol B for environmental application, then dried, individually sealed in a poly bag, and sterilized by gamma radiation for food, pharmaceutical, and other applications.

**B01459 16-oz. (472 ml) Polyethylene Scoop.** Round bottom. Pack of 50 scoops. Sh. wt. 7.50 lbs. (3.40 kg).

**B01460 32-oz. (946 ml) Polystyrene Scoop.** Flat bottom. Pack of 25 scoops. Sh. wt. 13 lbs. (5.90 kg).

**B01461 82-oz. (2,425 ml) Polystyrene Scoop.** Flat bottom. Pack of 24 scoops. Sh. wt. 19 lbs. (8.62 kg).



**B01459**



**B01460**



**B01461**

**STERILEWARE® STERILIZED SENSE-ABLE™ DETECTABLE SCOOPS**

These scoops can be detected by standard metal detection and x-ray equipment. The proprietary formula is uniformly distributed throughout the entire scoop — any part of the scoop can be detected at proper settings. Long handles on the 2 oz. and 4 oz. sizes provide a better grip and increase the distance between hand and sample to reduce potential contamination. The black color of the scoops provides enhanced color contrast with material and reduces the chance that scoops will be accidentally left behind in the product. FDA grade, high-impact polystyrene is suitable for use in food processing and pharmaceutical industries. Scoops come individually sealed in polyethylene bag and gamma sterilized — ready for one-time use and disposal. Box of 100 scoops.

**B01512 2 oz. (60 ml).** Sh. wt. 6 lbs. (2.72 kg).

**B01513 4 oz. (125 ml).** Sh. wt. 8.50 lbs. (3.86 kg).

**B01514 8 oz. (250 ml).** Sh. wt. 17 lbs. (7.71 kg).



**B01512**

**B01513**

**B01514**

The products listed below are autoclavable.



## MIPAW POWDER SAMPLER

Complies with IDF (International Dairy Federation) specifications for sampling of powdered milk. Also ideal for sampling flour, sand, cement, and similar products. Constructed of chromium plated brass with light alloy handle. Total length: 18" (45.7 cm). Sh. wt. 1.50 lbs. (0.68 kg).

[B01334](#)

## PIC SAMPLER PROBE

Especially useful for single samples from polyethylene or paper bags, the needle point sampler punctures the bag with minimum damage, enters a maximum of 11" (28 cm), and is pulled out with sample ready to be poured out through the hollow handle. Made of stainless steel with an anodized aluminum handle. Overall length is 16" (40.6 cm) with a 7/8" (19 mm) dia. Sh. wt. 0.50 lbs. (0.23 kg).

[B01153](#)



[B01431](#)

[B01152](#)

## MULTIPRO SECTOR PROBE

An important tool for sampling powders, pellets, and other friable materials which may become non-homogeneous in the container. It is made of anodized aluminum and has a sharp stainless steel point. The T-handle is turned to close the ports and the point is inserted through the bag or directly into the bulk material far enough to cover all the ports. The handle is turned halfway, opening the cells to collect the sample, then turned back to close, and the sampler is removed.

Cat. No.	No. of Ports	Length of Sampler*	Port Length*	Port Width*	Volume (oz.=U.S. liquid)	Sh. wt.
<a href="#">B01152</a>	3	22" (56 cm)	3" (7.62 cm)	3/8" (0.95 cm)	0.68 oz. (20 cc)	1.25 lbs. (0.57 kg)
<a href="#">B01430</a>	3	34" (86 cm)	3 3/4" (9.53 cm)	3/8" (0.95 cm)	0.85 oz. (25 cc)	1.50 lbs. (0.68 kg)
<a href="#">B01431</a>	5	61" (156 cm)	4" (10.16 cm)	3/8" (0.95 cm)	1.12 oz. (33 cc)	2.75 lbs. (1.25 kg)

\*Dimensions are approximate.

## "DIP" DIPPER

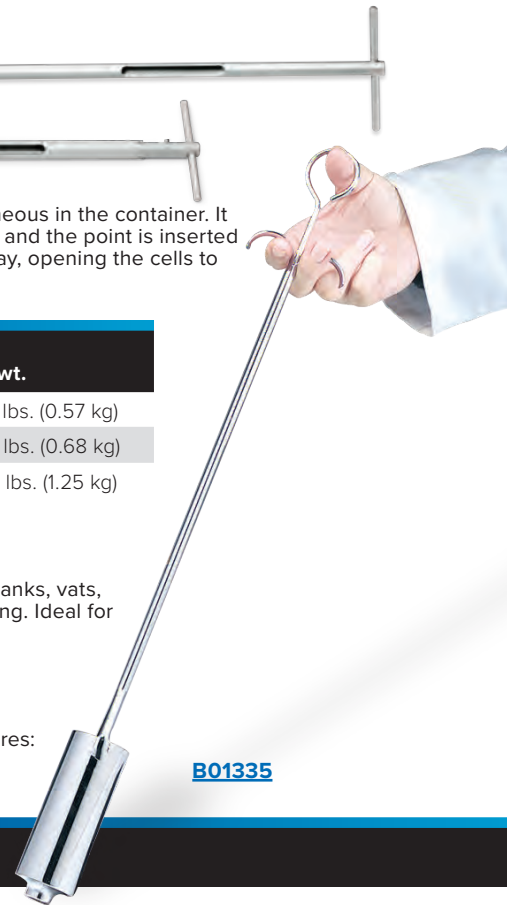
Used for liquid sampling. The cup and tubular handle with finger grips allow for immersion into cans, bottles, tanks, vats, etc. A center rod with a finger ring activates a valve on the bottom of the cup for rapid and convenient emptying. Ideal for sampling milk, cream, whey, fruit juices, water, and liquids in general. Constructed of chrome-plated brass.

**1.8-oz. (50 ml) Capacity.** 17" (43 cm) length for immersion. Overall length: 19" (490 mm). Container measures: 3" L x 1" dia. (78 x 32 mm). Sh. wt. 0.63 lbs. (0.29 kg).

[B01516](#)

**3.5-oz. (100 ml) Capacity.** 18" (50 cm) length for immersion. Overall length: 20" (510 mm). Container measures: 4" L x 2 1/2" dia. (100 x 40 mm). Sh. wt. 0.88 lbs. (0.40 kg).

[B01335](#)



[B01335](#)

## STAINLESS STEEL DIPPERS

Carefully made, 18-8 stainless steel sample collection dippers suitable for use with most liquids. Quality material and fine workmanship make these dippers long lasting and economical. Dippers [B01047](#), [B01317](#), and [B01316](#) are made of one-piece construction with no joints or grooves to collect sample residue. Can withstand temperatures up to 800°C. NSF approved for use in the food industry (NSF is an international organization that develops standards and certifies products and services for public health and safety).



[B01316](#)

[B01317](#)

[B01047](#)

[B01201](#)

Overflow Hole

One piece, seamless joint!

Two spouts

[B01316](#) & [B01317](#)

**0.68-oz. (20 ml), 27" (68 cm) Handle.** Designed for use in the dairy industry, this dipper has an overflow hole and hooked handle. Outside diameter of bowl is approx. 1" (25 mm). Sh. wt. 0.50 lbs. (0.23 kg).

[B01201](#)

**2-oz. (60 ml), 10 1/2" (26.7 cm) Handle.** Outside diameter of bowl is approx. 2 5/8" (66 mm). Sh. wt. 0.31 lbs. (0.14 kg).

[B01047](#)

**2-oz. (60 ml), 18" (45.7 cm) Handle.** Outside diameter of bowl is approx. 2 5/8" (66 mm), two pour spouts. Sh. wt. 0.38 lbs. (0.17 kg).

[B01317](#)

**2-oz. (60 ml), 36" (91.4 cm) Handle.** Outside diameter of bowl is approx. 2 5/8" (66 mm), two pour spouts. Sh. wt. 0.44 lbs. (0.20 kg).

[B01316](#)





**SECURITY TAPE STRIP**

Make Trans-Pak® specimen bags and other containers tamperproof with this unique security label. Provides immediate evidence of tampering! Made of a destructible material with a permanent adhesive back that tears when removal is attempted — it's impossible to remove this label in one piece! Set up time for tape is approximately 2½ hours. Label size: 1⅜" W x 6⅝" L (3.4 x 16.6 cm). Pkg. of 100 labels. Sh. wt. 0.38 lbs. (0.17 kg).

[B01240](#)



**ADHESIVE MAT**

Manufactured in a clean room environment from film extrusion to adhesive coating to cutting and packaging. These contamination control mats with multiple layers help to contain and remove dust and dirt from shoes and wheels. Each layer of the 30-layer mat is 100% coated with a consistent application of adhesive and is free of bubbles and wrinkles. The backing of the mat is coated with an adhesive that adheres to floors, but can be easily changed without leaving a residue. Compatible with various frames or can be placed on the floor without using a frame. Each individual layer is numbered 1 to 30. Straight, non-bevel edges. 18" x 36". Blue. Sh. wt. 11 lbs. (4.99 kg).

[B01576](#)



**POLYPROPYLENE GRADUATED BOTTLES**

Non-sterile, high-performance polypropylene bottles are ideal for a wide range of liquids and solids. Autoclavable, leakproof construction with high chemical resistance. Printed with large white marking space for clear, easy, and safe labeling. Wide mouth for easy filling with clear, printed graduations showing milliliters and fluid ounces, allowing estimation of volumes remaining and/or decanted.

- [B01466](#)
- [B01467](#)
- [B01468](#)
- [B01469](#)
- [B01470](#)

- 2 oz. (60 ml). 3¼" (8.2 cm) high. Sh. wt. 0.02 lbs. (0.01 kg).
- 4 oz. (125 ml). 3¾" (9.9 cm) high. Sh. wt. 0.04 lbs. (0.02 kg).
- 8 oz. (250 ml). 5¾" (14.5 cm) high. Sh. wt. 0.19 lbs. (0.09 kg).
- 16 oz. (500 ml). 6½" (16.5 cm) high. Sh. wt. 0.25 lbs. (0.11 kg).
- 32 oz. (1,000 ml). 8¼" (20.9 cm) high. Sh. wt. 0.38 lbs. (0.17 kg).

**LAB INCUBATORS**

These versatile lab incubators were custom developed for laboratories that need dependable, compact incubators for cultures, test kits, eggs, microbiology, and biologicals. Temperatures up to 62° C can be maintained accurately and uniformly. The sensitive heat controller maintains temperatures to ±1° C. The minimum temperature is ambient +2B C. Beakers, flasks, petri dishes, and test tube trays can be processed at the same time. Includes safe, non-mercury spirit thermometer; shielded heater to protect against spills; UL listed, see-through door; and aluminum interior. Comes ready to use — no assembly is required. 120V AC, 120 watts for 0.7 cu. ft. and 235 watts for 2.0 cu. ft., three-prong grounded plug.

**0.7-cu.-ft. Capacity.** Interior: 12" W x 10" H x 10" D. Exterior: 12⅞" W x 15" H x 10¾" D. Sh. wt. 23 lbs. (10.44 kg).

[SB21186](#)

**2.0-cu.-ft. Capacity.** Interior: 18" W x 16" H x 12" D. Exterior: 19" W x 21" H x 13" D. Sh. wt. 41 lbs. (18.61 kg).

[SB26217](#)



**CUSTOMER COMMENTS**

"Microorganisms on the...fruit were removed using a sterile Whirl-Pak® Speci-Sponge®" and "three...slices... placed in Whirl-Pak® bags."

"...inoculated fruits were assayed in Whirl-Pak® bags as previously described."

-Jan Narciso, USDA-ARS

"We have not stopped bragging about the Whirl-Pak® Thio-Bag® since we were introduced to them approximately three years ago. We have been using the bags for collecting potable water samples from our municipal system ever since. The bags are efficient, effective, and have saved us a tremendous amount of money and time. Our entire staff truly enjoys using the bags and would advise anyone looking for a more efficient, cost effective method of collecting water samples to give them a try. You will not be disappointed!"

-Virgin Islands WAPA

# EMERGING MARKETS

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!

## Pet Food



## Craft Brewing



## Cannabis Research





Provide an instant visual indicator  
with our colored tape bags!  
See page 3.

# QUESTIONS/COMMENTS DISTRIBUTOR INFORMATION FREE SAMPLES



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IN THE U.S.A.**

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# WHIRL-PAK® SAMPLE BAGS

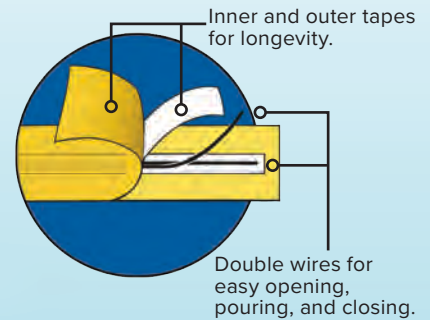
Perforated for easy opening.

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Pull tabs protect sterility when opening.

- ▶ Blended virgin polyethylene film is gas sterilized after manufacturing
- ▶ Sterility documentation available anytime at [whirl-pak.com](http://whirl-pak.com)
- ▶ FDA approved for food contact
- ▶ Manufactured under ISO9001
- ▶ Manufactured in the U.S.A.

Continuous perimeter seal for maximum protection.



## PUNCTURE-PROOF TABS

A patented process extends the tape past the wire ends, eliminating the sharp points which can cause bag and glove puncture and scratching of skin.

Made of strong, blended polyethylene.

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