

### PRODUCT CATALOG



### LABPLAS PRODUCTS

Serving your Industry



Labplas offers HIGH PRECISION SAMPLING INNOVATIONS to your industry. TWIRL'EM sampling bags provide a sterile, secure, contaminant-free pliant container that ensures dependable analysis results. Our different brands of products are an economical and efficient way to collect, contain and carry samples with confidence. Our sterile bags are used for environmental sampling, pharmaceutical research, quality assurance procedures (QA/QC), food industry applications and veterinary medicine.



# Sampling in Food?

- Collection of samples requires sterile equipment and must be done meticulously to avoid samples contaminations;
- Labplas sterile sampling bags are easier to handle than vials;
- Labplas sterile sampling bags require very little storage space, are easy to transport and are single-use which saves a lot of time and energy;
- Several tests on food contact surfaces and non-food contact surfaces have to be conducted to determine whether the plant is contaminated or not.

#### Complies with regulatory and industry requirements:

FDA (US Food and Drug Administration) HACCP (Hazard Analysis and Critical Control Point) All sterile sampling bags are also R-NASE, D-NASE and Pyrogen free

### TWIRL'EM®

TWRIL'EM Sterile sampling bags with built-in secure closure tabs are ideal for shipping and storage of all forms of sample material

Our **SECURE-T** product is made to handle the most robust blending applications. The tear-off top ensures internal sterility right up until the time of use.

### FILTRA-BAG

Once at the laboratory, solid food samples must be separated and homogenized. Labplas

FILTRA-BAG is a good tool in the homogenizer.

**SANI-SPONGE** Kits are offered to test the carcasses for salmonella, E. coli and other pathogens detection.



Labplas offers the SANI-STICK, which allows easy sampling for hard-to-reach places. It also limits the handling of the sponge, since it's already on the stick.



# Sampling in Agriculture?

- Contamination sources in grains are multiple, like wind, bird feces and the transport of fungus by the machinery;
- Soil testing is used to facilitate fertilizer composition and dosage selection used on land in both agricultural and horticultural industries.

### Complies with regulatory and industry requirements:

USDA (US Department of Agriculture)

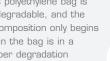


Samples of 1 to 2,5 kg must be taken, so the bags have to be strong enough to support such weight. Labplas suggests a 4.0 mil.in thickness model for more safety.



#### **TWIRLEM ECOLO**

This polyethylene bag is biodegradable, and the decomposition only begins when the bag is in a proper degradation environment.





# Sampling in Environment?

- Experts say that polyethylene can be used for any water sampling application and that the material is particularly used to sample water that will be tested for radioactivity;
- · Collection of plant samples for plant disease identification.

Complies with regulatory and industry requirements: EPA (US Environment Protection Agency)

#### WATER SAMPLING KIT

The thio tablets neutralize chlorine, iodine and other biocides or oxidizing agents found in water. They allow experts to find pathogens that couldn't be detected due to the presence of biocides and oxidizing agents.

#### STAND-UP

Labplas suggests to use their Stand-Up bag which is available in sizes of 4.5 x 9 in and 6 x 9 in. A gusset at the bottom of the bag allows it to standup with only a little quantity of liquid inside.



# Sampling in Veterinary?

- Identify potential risk for disease problems;
- Sampling for DNA tests particularly used for the identification of genetic differences between animal populations;
- · Feed analysis can help you protect the health of your livestock and can assist in making sure your livestock and crops are safe for human consumption.

The bags are easier to carry than rigid containers because they take less storage space.



SANI-SPONGE Kits are offered to test the presence of Salmonella in industrial hen houses.



# Sampling in Research?

- To identify a bacterium;
- To mix ingredients together and be sure they won't be contaminated;
- To take an aliquot or archiving samples.

The large format bags have a 4 mil.in thickness that guarantees safe transportation since the bags are strong enough to carry heavy pieces.

#### **STAND-UP**

Gusseted bags stand up by themselves without the necessity of a rack.



# Sampling in Pharmaceutical?

- Contaminants and particules must be reduced to a minimum;
- Material used in a cleanroom must be clean and approved.

TWIRL'EM BAG FOR CLEAN ROOM (EX: EFL47012S) Doubled packaging for internal and external sterility.

Labplas can put 40 pouches of 25 sterile sampling bags in every package to minimize the amount of product exposed to the clean room environment at a time.



















### Twirlem Ecolo

Safety Tabs - Clear - Closure with 2 round wires

| Code      | mils | mirc. | in x in  | mm x mm   | OZ | ml   | Packaging       |
|-----------|------|-------|----------|-----------|----|------|-----------------|
| EPL-3070E | 2.5  | 63    | 3 x 7    | 76 x 178  | 4  | 130  | Cs/1000 (2x500) |
| EPL-4590E | 2.5  | 63    | 4.5 x 9  | 114 x 229 | 15 | 450  | Cs/1000 (2x500) |
| EPL-5590E | 3.0  | 76    | 5.5 x 9  | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| EPL45590E | 4.0  | 101   | 5,5 x 9  | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| EPL-5515E | 3.0  | 76    | 5,5 x 15 | 140 x 382 | 50 | 1500 | Cs/1000 (2x500) |
| EPL-7012E | 3.0  | 76    | 7 x 12   | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |
| EPL47012E | 4.0  | 101   | 7 x 12   | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |
| EPL-7015E | 3.0  | 76    | 7 x 15   | 178 x 382 | 85 | 2500 | Cs/1000 (4x250) |

Safety Tabs - Printed - Closure with 2 round wires

| Code      | mils | mirc. | in x in | mm x mm   | OZ | ml   | Packaging       |
|-----------|------|-------|---------|-----------|----|------|-----------------|
| EPR-3050E | 2.5  | 63    | 3 x 5   | 76 x 127  | 2  | 60   | Cs/1000 (2x500) |
| EPR-3070E | 2.5  | 63    | 3 x 7   | 76 x 178  | 4  | 130  | Cs/1000 (2x500) |
| EPR-4590E | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450  | Cs/1000 (2x500) |
| EPR-5590E | 3.0  | 76    | 5.5 x 9 | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| EPR45590E | 4.0  | 101   | 5.5 x 9 | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| EPR-7012E | 3.0  | 76    | 7 x 12  | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |
| EPR47012E | 4.0  | 101   | 7 x 12  | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |

Safety Tabs - Clear - Closure with 1 round wire & 1 flat wire

| Code      | mils | mirc. | in x in  | mm x mm   | OZ  | ml   | Packaging       |
|-----------|------|-------|----------|-----------|-----|------|-----------------|
| EFL-3070E | 2.5  | 63    | 3 x 7    | 76 x 178  | 4   | 130  | Cs/1000 (2x500) |
| EFL-4590E | 2.5  | 63    | 4,5 x 9  | 114 x 229 | 115 | 450  | Cs/1000 (2x500) |
| EFL-5590E | 3.0  | 76    | 5,5 x 9  | 140 x 229 | 22  | 650  | Cs/1000 (2x500) |
| EFL-5512E | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36  | 1080 | Cs/1000 (2x500) |
| EFL-7012E | 3.0  | 76    | 7 x 12   | 178 x 305 | 55  | 1650 | Cs/1000 (4x250) |
| EFL47012E | 4.0  | 101   | 7 x 12   | 178 x 305 | 55  | 1650 | Cs/1000 (4x250) |
| EFL-1012E | 4.0  | 101   | 10 x 12  | 254 x 305 | 76  | 2250 | Cs/1000 (4x250) |
| EFL-1015E | 4.0  | 101   | 10 x 15  | 254 x 382 | 135 | 4000 | Cs/1000 (4x250) |

Safety Tabs - Printed - Closure with 1 round wire & 1 flat wire

| Code      | mils | mirc. | in x in | mm x mm   | OZ  | ml   | Packaging       |
|-----------|------|-------|---------|-----------|-----|------|-----------------|
| EFR-3070E | 2.5  | 63    | 3 x 7   | 76 x 178  | 4   | 130  | Cs/1000 (2x500) |
| EFR-4590E | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15  | 450  | Cs/1000 (2x500) |
| EFR-5590E | 3.0  | 76    | 5,5 x 9 | 140 x 229 | 22  | 650  | Cs/1000 (2x500) |
| EFR-7012E | 3.0  | 76    | 7 x 12  | 178 x 305 | 55  | 1650 | Cs/1000 (4x250) |
| EFR47012E | 4.0  | 101   | 7 x 12  | 178 x 305 | 55  | 1650 | Cs/1000 (4x250) |
| EFR-1012E | 4.0  | 101   | 10 x 12 | 254 x 305 | 76  | 2250 | Cs/1000 (4x250) |
| EFR-1015E | 4.0  | 101   | 10 x 15 | 254 x 382 | 135 | 4000 | Cs/1000 (4x250) |

### THE ONES WITH THE GREEN COLORED CLOSURE SYSTEM!

Labplas offers the first environmentally friendly sterile sampling bag on the market. The ECOLO products retain all the characteristics of the TWIRL'EM line while being made of entirely biodegradable LDPE tubing.It is an economical and timesaving green alternative to rigid containers.





## Twirlem Sterile Sampling Bag

Safety Tabs - Clear - Closure with 2 round wires

| Code     | mils | mirc. | in x in   | mm x mm   | OZ | ml   | Packaging       |
|----------|------|-------|-----------|-----------|----|------|-----------------|
| EPL-3050 | 2.5  | 63    | 3 x 5     | 76 x 127  | 2  | 60   | Cs/1000 (2x500) |
| EPL-3070 | 2.5  | 63    | 3 x 7     | 76 x 178  | 4  | 130  | Cs/1000 (2x500) |
| EPL-3570 | 3.0  | 76    | 3.5 x 7   | 89 x 178  | 7  | 210  | Cs/1000 (2x500) |
| EPL-4575 | 2.5  | 63    | 4.5 x 7.5 | 114 x 190 | 12 | 355  | Cs/1000 (2x500) |
| EPL-4590 | 2.5  | 63    | 4.5 x 9   | 114 x 229 | 15 | 450  | Cs/1000 (2x500) |
| EPL-4512 | 2.5  | 63    | 4.5 x 12  | 114 x 305 | 27 | 800  | Cs/1000 (2x500) |
| EPL-4515 | 2.5  | 63    | 4.5 x 15  | 114 x 382 | 40 | 1200 | Cs/1000 (2x500) |
| EPL-5590 | 3.0  | 76    | 5.5 x 9   | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| EPL45590 | 4.0  | 101   | 5.5 x 9   | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| EPL-5515 | 3.0  | 76    | 5.5 x 15  | 140 x 382 | 50 | 1500 | Cs/1000 (2x500) |
| EPL-7012 | 3.0  | 76    | 7 x 12    | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |
| EPL47012 | 4.0  | 101   | 7 x 12    | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |
| EPL-7015 | 3.0  | 76    | 7 x 15    | 178 x382  | 85 | 2500 | Cs/1000 (4x250) |

Safety Tabs - Printed - Closure with 2 round wires

| Code     | mils | mirc. | in x in   | mm x mm   | OZ | ml   | Packaging       |
|----------|------|-------|-----------|-----------|----|------|-----------------|
| EPR-3050 | 2.5  | 63    | 3 x 5     | 76 x 127  | 2  | 60   | Cs/1000 (2x500) |
| EPR-3070 | 2.5  | 63    | 3 x 7     | 76 x 178  | 4  | 130  | Cs/1000 (2x500) |
| EPR-3570 | 3.0  | 76    | 3.5 x 7   | 89 x 178  | 7  | 210  | Cs/1000 (2x500) |
| EPR-4575 | 2.5  | 63    | 4.5 x 7.5 | 114 x 190 | 12 | 355  | Cs/1000 (2x500) |
| EPR-4590 | 2.5  | 63    | 4.5 x 9   | 114 x 229 | 15 | 450  | Cs/1000 (2x500) |
| EPR-4512 | 2.5  | 63    | 4.5 x 12  | 114 x 305 | 27 | 800  | Cs/1000 (2x500) |
| EPR-4515 | 2.5  | 63    | 4.5 x15   | 114 x 382 | 40 | 1200 | Cs/1000 (2x500) |
| EPR-5590 | 3.0  | 76    | 5.5 x 9   | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| EPR45590 | 4.0  | 101   | 5.5 x 9   | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| EPR-5515 | 3.0  | 76    | 5.5 x 15  | 140 x 382 | 50 | 1500 | Cs/1000 (2x500) |
| EPR-7012 | 3.0  | 76    | 7 x 12    | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |
| EPR47012 | 4.0  | 101   | 7 x 12    | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |
| EPR-7015 | 3.0  | 76    | 7 x15     | 178 x 382 | 85 | 2500 | Cs/1000 (4x250) |













### Twirlem

Safety Tabs - Clear - Closure with 1 round wire & 1 flat wire

| Code     | mils | mirc. | in x in  | mm x mm   | OZ  | ml   | Packaging       |
|----------|------|-------|----------|-----------|-----|------|-----------------|
| EFL-3070 | 2.5  | 63    | 3 x 7    | 76 x 178  | 4   | 130  | Cs/1000 (2x500) |
| EFL-4590 | 2.5  | 63    | 4.5 x 9  | 114 x 229 | 15  | 450  | Cs/1000 (2x500) |
| EFL-5590 | 3.0  | 76    | 5.5 x 9  | 140 x 229 | 22  | 650  | Cs/1000 (2x500) |
| EFL-5512 | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36  | 1080 | Cs/1000 (2x500) |
| EFL-7012 | 3.0  | 76    | 7 x 12   | 178 x 305 | 55  | 1650 | Cs/1000 (4x250) |
| EFL47012 | 4.0  | 101   | 7 x 12   | 178 x 305 | 55  | 1650 | Cs/1000 (4x250) |
| EFL-1012 | 4.0  | 101   | 10 x 12  | 254 x 305 | 76  | 2250 | Cs/1000 (4x250) |
| EFL-1015 | 4.0  | 101   | 10 x 15  | 254 x 382 | 135 | 4000 | Cs/1000 (4x250) |

Safety Tabs - Printed - Closure with 1 round wire & 1 flat wire

| Code     | mils | mirc. | in x in  | mm x mm   | OZ  | ml   | Packaging       |
|----------|------|-------|----------|-----------|-----|------|-----------------|
| EFR-3070 | 2.5  | 63    | 3 x 7    | 76 x 178  | 4   | 130  | Cs/1000 (2x500) |
| EFR-4590 | 2.5  | 63    | 4.5 x 9  | 114 x 229 | 15  | 450  | Cs/1000 (2x500) |
| EFR-5590 | 3.0  | 76    | 5.5 x 9  | 140 x 229 | 22  | 650  | Cs/1000 (2x500) |
| EFR-5512 | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36  | 1080 | Cs/1000 (2x500) |
| EFR-7012 | 3.0  | 76    | 7 x 12   | 178 x 305 | 55  | 1650 | Cs/1000 (4x250) |
| EFR47012 | 4.0  | 101   | 7 x 12   | 178 x 305 | 55  | 1650 | Cs/1000 (4x250) |
| EFR-1012 | 4.0  | 101   | 10 x 12  | 254 x 305 | 76  | 2250 | Cs/1000 (4x250) |
| EFR-1015 | 4.0  | 101   | 10 x 15  | 254 x 382 | 135 | 4000 | Cs/1000 (4x250) |





## Twirlem

Regular Tabs - Clear - Closure with 2 round wires

| Code     | mils | mirc. | in x in   | mm x mm   | OZ | ml   | Packaging       |
|----------|------|-------|-----------|-----------|----|------|-----------------|
| BPL-4575 | 2.5  | 63    | 4.5 x 7.5 | 114 x 190 | 12 | 355  | Cs/1000 (2x500) |
| BPL-4590 | 2.5  | 63    | 4.5 x 9   | 114 x 229 | 15 | 450  | Cs/1000 (2x500) |
| BPL-4512 | 2.5  | 63    | 4.5 x 12  | 114 x 305 | 27 | 800  | Cs/1000 (2x500) |
| BPL-4515 | 2.5  | 63    | 4.5 x 15  | 114 x 382 | 40 | 1200 | Cs/1000 (2x500) |
| BPL-5590 | 3.0  | 76    | 5.5 x 9   | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| BPL-5512 | 3.0  | 76    | 5.5 x 12  | 140 x 305 | 36 | 1080 | Cs/1000 (2x500) |
| BPL-5515 | 3.0  | 76    | 5.5 x 15  | 140 x 382 | 50 | 1500 | Cs/1000 (2x500) |
| BPL-7012 | 3.0  | 76    | 7 x 12    | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |

### Regular Tabs - Printed - Closure with 2 round wires

| Code     | mils | mirc. | in x in  | mm x mm   | OZ | ml   | Packaging       |
|----------|------|-------|----------|-----------|----|------|-----------------|
| BPR-4590 | 2.5  | 63    | 4.5 x 9  | 114 x 229 | 15 | 450  | Cs/1000 (2x500) |
| BPR-4512 | 2.5  | 63    | 4.5 x 12 | 114 x 305 | 27 | 800  | Cs/1000 (2x500) |
| BPR-4515 | 2.5  | 63    | 4.5 x 15 | 114 x 382 | 40 | 1200 | Cs/1000 (2x500) |
| BPR-5590 | 3.0  | 76    | 5.5 x 9  | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| BPR-5512 | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/1000 (2x500) |
| BPR-5515 | 3.0  | 76    | 5.5 x 15 | 140 x 382 | 50 | 1500 | Cs/1000 (2x500) |
| BPR-7012 | 3.0  | 76    | 7 x 12   | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |















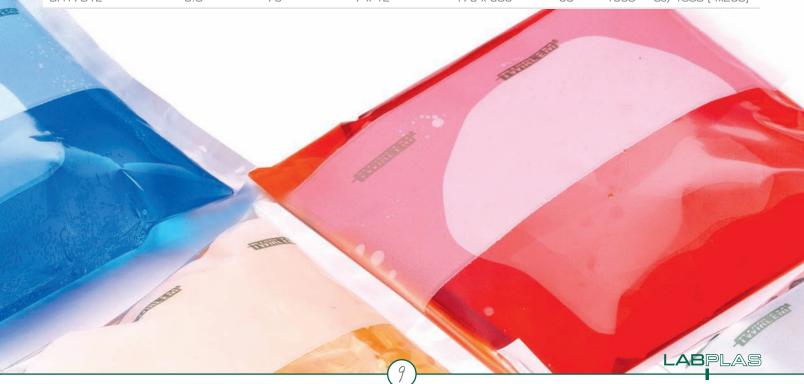
### Twirlem

Regular Tabs - Clear - Closure with 1 round wire & 1 flat wire

| Code     | mils | mirc. | in x in  | mm x mm   | OZ | ml   | Packaging       |
|----------|------|-------|----------|-----------|----|------|-----------------|
| BFL-4590 | 2.5  | 63    | 4.5 x 9  | 114 x 229 | 15 | 450  | Cs/1000 (2x500) |
| BFL-4512 | 2.5  | 63    | 4.5 x 12 | 114 x 305 | 27 | 800  | Cs/1000 (2x500) |
| BFL-4515 | 2.5  | 63    | 4.5 x 15 | 114 x 382 | 40 | 1200 | Cs/1000 (2x500) |
| BFL-5590 | 3.0  | 76    | 5.5 x 9  | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| BFL45590 | 4.0  | 101   | 5.5 x 9  | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| BFL-5512 | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/1000 (2x500) |
| BFL-5515 | 3.0  | 76    | 5.5 x 15 | 140 x 382 | 50 | 1500 | Cs/1000 (2x500) |
| BFL-7012 | 3.0  | 76    | 7 x 12   | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |

### Regular Tabs - Printed - Closure with 1 round wire & 1 flat wire

| Code     | mils | mirc. | in x in  | mm x mm   | OZ | ml   | Packaging       |
|----------|------|-------|----------|-----------|----|------|-----------------|
| BFR-4590 | 2.5  | 63    | 4.5 x 9  | 114 x 229 | 15 | 450  | Cs/1000 (2x500) |
| BFR-4512 | 2.5  | 63    | 4.5 x 12 | 114 x 305 | 27 | 800  | Cs/1000 (2x500) |
| BFR-4515 | 2.5  | 63    | 4.5 x 15 | 114 x 382 | 40 | 1200 | Cs/1000 (2x500) |
| BFR-5590 | 3.0  | 76    | 5.5 x 9  | 140 x 229 | 22 | 650  | Cs/1000 (2x500) |
| BFR-5512 | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/1000 (2x500) |
| BFR-5515 | 3.0  | 76    | 5.5 x 15 | 140 x 382 | 50 | 1500 | Cs/1000 (2x500) |
| BFR-7012 | 3.0  | 76    | 7 x 12   | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |















# Opaque Twirl'em

Safety Tabs - Opaque - Printed - Closure with 2 round wires

| Code     | mils | mirc. | in x in  | mm x mm   | OZ | ml   | Packaging       |
|----------|------|-------|----------|-----------|----|------|-----------------|
| EPN-4590 | 2.5  | 63    | 4.5 x 9  | 114 x 229 | 15 | 450  | Cs/1000 (2x500) |
| EPN-4512 | 2.5  | 63    | 4.5 x 12 | 114 x 305 | 30 | 900  | Cs/1000 (2x500) |
| EPN-4515 | 2.5  | 63    | 4.5 x 15 | 114 x 382 | 40 | 1200 | Cs/1000 (2x500) |

The Opaque TWIRL'EM is used by the food, research, pharmaceutical and environmental industries. The black resin is a total light barrier that protects photosensitive substances, such as vitamins, chemicals and pharmaceuticals, food supplements, plant extracts or biological tissues.







### Clear Room

#### DOUBLE POUCH FOR CLEAN ROOM APPLICATIONS

Safety Tabs - Clear - Closure with 2 round wires

| Code      | mils | mirc. | in x in  | mm x mm   | OZ | ml   | Packaging       |
|-----------|------|-------|----------|-----------|----|------|-----------------|
| EPL-4512S | 2.5  | 63    | 4.5 x 12 | 114 x 305 | 27 | 800  | Cs/1000 (40X25) |
| EPL-5590S | 3.0  | 76    | 5.5 x 9  | 140 x 229 | 22 | 650  | Cs/1000 (40X25) |
| EPL-5515S | 3.0  | 76    | 5.5 x 12 | 140 x 382 | 50 | 1500 | Cs/1000 (40X25) |
| EPL-7012S | 3.0  | 76    | 7 x 12   | 178 x 305 | 55 | 1650 | Cs/1000 (40X25) |

#### Safety Tabs - Printed - Closure with 2 round wires

| Code      | mils | mirc. | in x in  | mm x mm   | OZ | ml   | Packaging       |
|-----------|------|-------|----------|-----------|----|------|-----------------|
| EPR-4512S | 2.5  | 63    | 4.5 x 9  | 114 x 305 | 27 | 800  | Cs/1000 (40X25) |
| EPR-5590S | 3.0  | 76    | 5.5 x 9  | 140 x 229 | 22 | 650  | Cs/1000 (40X25) |
| EPR-5515S | 3.0  | 76    | 5.5 x 15 | 140 x 382 | 50 | 1500 | Cs/1000 (40X25) |
| EPR-7012S | 3.0  | 76    | 7 x 12   | 178 x 305 | 55 | 1650 | Cs/1000 (40X25) |















### Clear Room

Safety tabs - Clear - Closure with 1 round wire & 1 flat wire

| Code      | mils | mirc. | in x in  | mm x mm   | OZ  | ml   | Packaging       |
|-----------|------|-------|----------|-----------|-----|------|-----------------|
| EFL-5590S | 3.0  | 63    | 5.5 x 9  | 140 x 229 | 22  | 650  | Cs/1000 (40X25) |
| EFL45590S | 4.0  | 101   | 5.5 x 9  | 140 x 229 | 22  | 650  | Cs/1000 (40X25) |
| EFL-5512S | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36  | 1080 | Cs/1000 (40X25) |
| EFL-7012S | 3.0  | 76    | 7 x 12   | 178 x 305 | 55  | 1650 | Cs/1000 (40X25) |
| EFL47012S | 4.0  | 101   | 7 x 12   | 178 x 305 | 55  | 1650 | Cs/1000 (40X25) |
| EFL-1012S | 4.0  | 101   | 10 x 12  | 254 x 305 | 76  | 2250 | Cs/1000 (40X25) |
| EFL-1015S | 4.0  | 101   | 10 x 15  | 254 x 382 | 135 | 4000 | Cs/1000 (40X25) |

Safety tabs - Printed - Closure with 1 round wire & 1 flat wire

| Code      | mils | mirc. | in x in  | mm x mm   | OZ  | ml   | Packaging       |
|-----------|------|-------|----------|-----------|-----|------|-----------------|
| EFR-5590S | 3.0  | 76    | 5.5 x 9  | 140 x 229 | 22  | 650  | Cs/1000 (40X25) |
| EFR45590S | 4.0  | 101   | 5.5 x 9  | 140 x 229 | 22  | 650  | Cs/1000 (40X25) |
| EFR-5512S | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36  | 1080 | Cs/1000 (40X25) |
| EFR-7012S | 3.0  | 76    | 7 x 12   | 178 x 305 | 55  | 1650 | Cs/1000 (40X25) |
| EFR47012S | 4.0  | 101   | 7 x 12   | 178 x 305 | 55  | 1650 | Cs/1000 (40X25) |
| EFR-1012S | 4.0  | 101   | 10 x 12  | 254 x 305 | 76  | 2250 | Cs/1000 (40X25) |
| EFR-1015S | 4.0  | 101   | 10 x 15  | 254 x 382 | 135 | 4000 | Cs/1000 (40X25) |



With the TWIRL'EM clean room application packaging, you can bring your sterile sampling bags into your clean room without any worries about contaminations. The bags are double pouched in packs of 25 so you can remove the outer bag before entering the clean room which minimize the number of bags exposed at a time. The bags are sterile inside and out.

Regulations: NF ISO 14644-1 ISO 14698 ISO 14644















### Twirl'em Large Format

Safety Tabs - Clear - Closure with 2 flat wires

| Code     | mils | mirc. | in x in | mm x mm   | OZ  | ml     | Packaging |
|----------|------|-------|---------|-----------|-----|--------|-----------|
| EDL41212 | 4.0  | 101   | 12 x 12 | 305 x 305 | 102 | 3 L    | Cs/250    |
| EDL41214 | 4.0  | 101   | 12 x 14 | 305 x 356 | 145 | 4.25 L | Cs/250    |
| EDL41216 | 4.0  | 101   | 12 x 16 | 305 x 406 | 185 | 5.5 L  | Cs/250    |
| EDL41218 | 4.0  | 101   | 12 x 18 | 305 x 457 | 228 | 6.75 L | Cs/250    |
| EDL41220 | 4.0  | 101   | 12 x 20 | 305 x 508 | 270 | 8 L    | Cs/250    |
| EDL41224 | 4.0  | 101   | 12 x 24 | 305 x 610 | 355 | 10.5 L | Cs/250    |
| EDL41228 | 4.0  | 101   | 12 x 28 | 305 x 711 | 440 | 13 L   | Cs/250    |

Regular Tabs - Clear - Closure with 2 flat wires

| Code     | mils | mirc. | in x in | mm x mm   | OZ  | ml   | Packaging |
|----------|------|-------|---------|-----------|-----|------|-----------|
| BDL41520 | 4.0  | 101   | 15 x 20 | 382 x 508 | 405 | 12 L | Cs/250    |
| BDL41524 | 4.0  | 101   | 15 x 24 | 382 x 610 | 507 | 15 L | Cs/250    |

Safety Tabs - Printed - Closure with 2 flat wires

| Code     | mils | mirc. | in x in | mm x mm   | OZ  | ml     | Packaging |
|----------|------|-------|---------|-----------|-----|--------|-----------|
| EDR41212 | 4.0  | 101   | 12 x 12 | 305 x 305 | 102 | 3 L    | Cs/250    |
| EDR41214 | 4.0  | 101   | 12 x 14 | 305 x 356 | 145 | 4.25 L | Cs/250    |
| EDR41216 | 4.0  | 101   | 12 x 16 | 305 x 406 | 185 | 5.5 L  | Cs/250    |
| EDR41218 | 4.0  | 101   | 12 x 18 | 305 x 457 | 228 | 6.75 L | Cs/250    |
| EDR41220 | 4.0  | 101   | 12 x 20 | 305 x 508 | 270 | 8 L    | Cs/250    |
| EDR41224 | 4.0  | 101   | 12 x 24 | 305 x 610 | 355 | 10.5 L | Cs/250    |
| EDR41228 | 4.0  | 101   | 12 x 28 | 305 x 711 | 440 | 13 L   | Cs/250    |

Regular Tabs - Printed - Closure with 2 flat wires

| Code     | mils | mirc. | in x in | mm x mm   | OZ  | ml   | Packaging |
|----------|------|-------|---------|-----------|-----|------|-----------|
| BDR41520 | 4.0  | 101   | 15 x 20 | 382 x 508 | 405 | 12 L | Cs/250    |
| BDR41524 | 4.0  | 101   | 15 x 24 | 382 x 610 | 507 | 15 L | Cs/250    |

Tear-off opening - Clear

| Code     | mils | mirc. | in x in | mm x mm    | OZ   | ml   | Packaging      |
|----------|------|-------|---------|------------|------|------|----------------|
| SCL21520 | 2.0  | 51    | 15 x 20 | 381 x 508  | 405  | 12 L | Cs/500 (2x250) |
| SCL22424 | 2.0  | 51    | 24 x 24 | 610 x 610  | 1600 | 48 L | Cs/500 (2x250) |
| SCL33030 | 3.0  | 76    | 30 x 30 | 760 x 760  | 1833 | 55 L | Cs/250         |
| SCL33037 | 3.0  | 76    | 30 x 37 | 760 x 940  | 2000 | 61 L | Cs/250         |
| SCL43048 | 4.0  | 101   | 30 x 48 | 760 x 1219 | 2600 | 81 L | Cs/125         |







# Stand-Up Bags

Safety Tabs - Stand-up bag- Printed - Closure with 2 round wires

| Code     | mils | mirc. | in x in | mm x mm   | OZ | ml  | Packaging       |
|----------|------|-------|---------|-----------|----|-----|-----------------|
| EPS-4590 | 4.0  | 101   | 4.5 x 9 | 114 x 229 | 18 | 400 | Cs/1000 (2x500) |
| EPS-6090 | 4.0  | 101   | 6 x 9   | 150 x 229 | 24 | 710 | Cs/1000 (2x500) |

The TWIRL'EM STAND-UP bags are meant for jobs where 2 hands are required. Our gusseted bags stand up by themselves without the necessity of a rack or stand. The combination of the flat bottom and the wire closure offers a bag that stands by itself and remains open until the sample has been poured in.



# Water Sampling Kit

Water Sampling Kits - Printed

| Code      | Description                         | mils | micr. | in x in | mm x mm   | oz | ml  | Packaging |
|-----------|-------------------------------------|------|-------|---------|-----------|----|-----|-----------|
| KWS-21100 | 1 x 10 mg Sodium Thiosulfate tablet | 2.5  | 63    | 3 x 7   | 76 x 178  | 4  | 100 | Pk/100    |
| KWS-22200 | 1 x 30 mg Sodium Thiosulfate tablet | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 10 | 300 | Pk/100    |



The WATER SAMPLING Kits are designed to collect, carry and contain chlorinated water samples in aseptic conditions and are an economical and efficient alternative to rigid sampling containers. Our sterile kits contain a non-toxic, neutralizing tablet containing 10 mg or 30 mg of active sodium thiosulfate and are UPA-approved for drinking water analysis.





# Sani-Sponge

#### SANI-SPONGE Kit with Dry Sponge

| Code      | Description                   | mils | micr. | in x in | mm x mm   | OZ | ml  | Packaging      |
|-----------|-------------------------------|------|-------|---------|-----------|----|-----|----------------|
| KSS-61100 | Dehydrated sponge             | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450 | Cs/400 (4x100) |
| KSS-61105 | Dehydrated sponge with gloves | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450 | Cs/400 (4x100) |

#### SANI-SPONGE Kit with Wet Sponge

| Code         | Description                        | mils | micr. | in x in | mm x mm   | oz | ml  | Packaging     |
|--------------|------------------------------------|------|-------|---------|-----------|----|-----|---------------|
| KSS-61110-DE | DE-Neutralizing buffer             | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450 | Cs/100 (5x20) |
| KSS-61110-LT | Letheen broth                      | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450 | Cs/100 (5x20) |
| KSS-61110-NE | Neutralizing buffer                | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450 | Cs/100 (5x20) |
| KSS-61110-PW | Buffered peptone water             | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450 | Cs/100 (5x20) |
| KSS-61115-DE | DE-Neutralizing buffer with gloves | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450 | Cs/100 (5x20) |
| KSS-61115-LT | Letheen broth with gloves          | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450 | Cs/100 (5x20) |
| KSS-61115-NE | Neutralizing buffer with gloves    | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450 | Cs/100 (5x20) |
| KSS-61115-PW | Buffered peptone water with gloves | 2.5  | 63    | 4.5 x 9 | 114 x 229 | 15 | 450 | Cs/100 (5x20) |

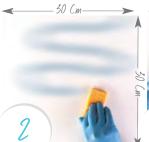
The SANI-SPONGE kit is designed to collect samples to detect the presence of microbiological contaminations such as Listeria, Salmonella, E. coli, and other food born pathogens on almost any surface. These kits are widely used in the food industry application, quality assurance procedures (QA/QC) and in the veterinary sector. The SANI-SPONGE kit is convenient, easy to use and helps eliminate several time-consuming steps. All sponge kits come in a 4.5 in  $\times$  9 in. TWIRL'EM sterile bag.

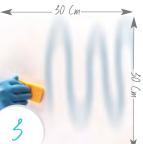
SANI-SPONGE sampling kits are produced in accordance with HACCP, USDA, ACIA and CFIA requirements

### PRODUCT USAGE INSTRUCTIONS STEP BY STEP

- Step 1 Remove the tear-off strip and carefully take the sponge out (sterile gloves are recommended). Do not touch the inside of the bag;
- Swab the sampling surface (suggested 30 x 30 cm area/12"x12") with the sponge in a vertical (up and down) motion;
- Step 3 Turn the sponge over and swab the sample area again, this time in a horizontal (left to right) motion;
- Step 4 Return the sponge in the sterile sampling bag with care;
- Step  $\mathcal{S}$  Identify the sample on the write-on area with a permanent marker.













### Sani-Stick

SANI-STICK Kit with Wet Sponge

| Code         | Description  | mils | micr. | in x in  | mm x mm   | oz | ml   | Packaging      |
|--------------|--|------|-------|----------|-----------|----|------|----------------|
| KSS-61310-DE | Sponge on handle with DE-Neutralizing buffer             | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/100 (10x10) |
| KSS-61310-LT | Sponge on handle with Letheen broth                      | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/100 (10x10) |
| KSS-61310-NE | Sponge on handle with Neutralizing buffer                | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/100 (10x10) |
| KSS-61310-PW | Sponge on handle with Buffered peptone water             | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/100 (10x10) |
| KSS-61315-DE | Sponge on handle with DE-Neutralizing buffer with gloves | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/100 (10x10) |
| KSS-61315-LT | Sponge on handle with Letheen broth with gloves          | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/100 (10x10) |
| KSS-61315-NE | Sponge on handle with Neutralizing buffer with gloves    | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/100 (10x10) |
| KSS-61315-PW | Sponge on handle with Buffered peptone water with gloves | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36 | 1080 | Cs/100 (10x10) |

The SANI-STICK is designed to collect samples to detect the presence of microbiological contaminations on any surface. The SANI-STICK allows swabbing of hard-to-reach areas. These sponges on sticks are widely used in the the food industry applications such as quality assurance procedures (QA/QC). The SANI-STICK kit is convenient and easy to use, and helps eliminate several time-consuming steps.

This product comes in a TWIRL'EM sterile bag of 3 mil.in; 5.5 X 12 inches.

#### PRODUCT USAGE INSTRUCTIONS STEP BY STEP

- Step 1 Remove the tear-off strip and carefully take the sani-stick by the handle;
- Step 2 The wet sponge is already on the handle, swipe it on the determined surface;
- Step 3 Press on the bottom of the handle to gently release the sponge in the sterile sampling bag;
- Twirl the bag 3 to 4 times and close it with the tabs;
- Step 4 Step 5 Identify the sample on the write-on area with a permanent marker.













#### FILTRA-BAG with Open Top - Clear

| Code      | Description             | mils | micr. | in x in | mm x mm   | OZ | ml   | Packaging      |
|-----------|-------------------------|------|-------|---------|-----------|----|------|----------------|
| SCT07012A | For 400 series blenders | 3.0  | 76    | 7 x 12  | 178 x 305 | 55 | 1650 | Cs/400 (4x100) |

#### FILTRA BAG with Tear-Off Protection Strip - Clear

| Code      | Description              | mils | micr. | in x in | mm x mm   | OZ  | ml   | Packaging      |
|-----------|--------------------------|------|-------|---------|-----------|-----|------|----------------|
| SCT-6090A | For 400 series blenders  | 3.0  | 76    | 6 x 9   | 152 x 229 | 24  | 710  | Cs/400 (4x100) |
| SCT-7012A | For 400 series blenders  | 3.0  | 76    | 7 x 12  | 178 x 305 | 55  | 1650 | Cs/400 (4x100) |
| SCT-1015A | For 3500 series blenders | 3.0  | 76    | 10 x 15 | 254 x 381 | 92  | 2720 | Cs/200 (2x100) |
| SCT-1515A | For 3500 series blenders | 3.0  | 76    | 15 x 15 | 381 x 381 | 138 | 4000 | Cs/200 (2x100) |
| SCT-1520A | For 3500 series blenders | 3.0  | 76    | 15 x 20 | 381 x 508 | 405 | 12L  | Cs/200 (2x100) |

#### FILTRA BAG with - Safety Tabs - Clear - Closure with 1 round wire & 1 flat wire

| Code      | Description              | mils | micr. | in x in | mm x mm   | OZ   | ml   | Packaging      |
|-----------|--------------------------|------|-------|---------|-----------|------|------|----------------|
| EFT-6090A | For 400 series blenders  | 3.0  | 76    | 6 x 9   | 152 x 229 | 24   | 710  | Cs/400 (4x100) |
| EFT-7012A | For 400 series blenders  | 3.0  | 76    | 7 x 12  | 178 x 305 | 55   | 1650 | Cs/400 (4x100) |
| EFT-1015A | For 3500 series blenders | 3.0  | 76    | 10 x 15 | 254 x 381 | 92   | 2720 | Cs/200 (2x100) |
| EFT-1515A | For 3500 series blenders | 3.0  | 76    | 15 x 15 | 381 x 381 | 138  | 4000 | Cs/200 (2x100) |
| EFT-1520A | For 3500 series blenders | 3.0  | 76    | 15 x 20 | 381 x 508 | 4054 | 12L  | Cs/200 (2x100) |

Labplas FILTRA-BAG blender bags are designed to simplify taking an aliquot when working with samples which contain large amounts of residue and/or semi-solid/solid substances. When lacing an aliquot onto growth media, it's very important that the volume of the aliquot be accurate and that it be free of solid particles. This prevents pipette blockage as well as uneven plate distribution.

- Polyethylene terephthalate (PET)/Polyethylene outer shell which practically eliminates the possibility of piercing the bag wall during blending;
- Filter membrane with 1840 holes per square inch with a pore size of 330 microns for optimal bacterial flow between compartments during blending.

#### PRODUCT USAGE INSTRUCTIONS STEP BY STEP

- Step 1 Insert the solid sample on the printed side of the FILTRA-BAG;
- Step 2 Run the bag through a complete blender cycle;
- Step 3 Insert the pipette on the clear side of the bag and collect the aliquot.











### Secure-T

#### SECURE-T with Tear-Off Protection Strip - Clear

| Code     | Description              | mils | micr. | in x in  | mm x mm   | OZ  | ml    | Packaging       |
|----------|--------------------------|------|-------|----------|-----------|-----|-------|-----------------|
| SCL-4060 | For 80 series blenders   | 3.0  | 76    | 4 x 6    | 102 x 152 | 7   | 205   | Cs/1000 (4x250) |
| SCL-5512 | For 400 series blenders  | 3.0  | 76    | 5.5 x 12 | 140 x 305 | 36  | 1080  | Cs/1000 (2x500) |
| SCL-7012 | For 400 series blenders  | 3.0  | 76    | 7 x 12   | 178 x 305 | 55  | 1650  | Cs/1000 (4x250) |
| SCL47012 | For 400 series blenders  | 4.0  | 101   | 7 x 12   | 178 x 305 | 55  | 1650  | Cs/1000 (4x250) |
| SCL41214 | For 3500 series blenders | 4.0  | 101   | 12 x 14  | 305 x 356 | 151 | 4.5L  | Cs/500 (2x250)  |
| SCL41218 | For 3500 series blenders | 4.0  | 101   | 12 x 18  | 305 x 457 | 228 | 6.75L | Cs/250          |
| SCL-1520 | For 3500 series blenders | 3.0  | 76    | 15 x 20  | 381 x 508 | 405 | 12L   | Cs/500 (2x250)  |
| SCL41520 | For 3500 series blenders | 4.0  | 101   | 15 x 20  | 381 x 508 | 405 | 12L   | Cs/500 (2x250)  |

### SECURE-T with Tear-Off Protection Strip - Printed

| Code     | Description             | mils | micr. | in x in | mm x mm   | OZ | ml   | Packaging       |
|----------|-------------------------|------|-------|---------|-----------|----|------|-----------------|
| SCR-7012 | For 400 series blenders | 3.0  | 76    | 7 x 12  | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |

#### BLENDER BAG with Open Top - Clear

| Code     | Description              | mils | micr. | in x in | mm x mm   | OZ  | ml   | Packaging       |
|----------|--------------------------|------|-------|---------|-----------|-----|------|-----------------|
| SCL07012 | For 400 series blenders  | 3.0  | 76    | 7 x 12  | 178 x 305 | 55  | 1650 | Cs/1000 (4x250) |
| SCL01520 | For 3500 series blenders | 3.0  | 76    | 15 x 20 | 381 x 508 | 405 | 12L  | Cs/500 (2x250)  |

#### BLENDER BAG with Open Top - Printed

| Code     | Description             | mils | micr. | in x in | mm x mm   | OZ | ml   | Packaging       |
|----------|-------------------------|------|-------|---------|-----------|----|------|-----------------|
| SCR07012 | For 400 series blenders | 3.0  | 76    | 7 x 12  | 178 x 305 | 55 | 1650 | Cs/1000 (4x250) |

The SECURE-T product is made to handle the most robust blending applications. SECURE-T bags are available for all sizes of blender.

- Virgin polyethylene tubing extruded at temperatures ranging from 220°C to 240°C which guaranties internal sterility;
- Open bags are gamma irradiated;
- Maximum bag mouth opening to facilitate insertion of sample;
- Sterility certificate in every box which eliminates the need to call for documentation;
- Tear-off top which ensures internal sterility right up until the time of use (except for open bags).

