

THIO BAGS

Sterile sampling bags with thiosulfate for microbiological water testing.

Thio Bags from Riverlabs provide a safe, sustainable, and efficient way to collect, store, and transport water samples—helping you cut costs and minimize waste.



Wire tabs are puncture-resistant, providing easy access and a leak-proof seal.



Writable strip for quick labeling, clear sample identification, and easy organization and tracking.



Polyethylene film featuring high clarity, outstanding durability, post-manufacturing sterilization, and FDA approval.



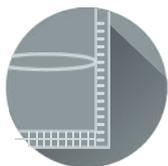
Post-manufacturing sterilization with a perforated closure to ensure ongoing sterility.



Self-standing bags available with or without a reinforced bottom; reinforced versions stand alone, so no support is needed.



Active sodium thiosulfate tablet that's non-toxic and non-nutritive, neutralizing chlorine right at collection.



Continuous perimeter seal helps prevent leaks.



Pull tabs with non-slip Tyvek, positioned perpendicularly for secure, aseptic opening without touching the inside of the bag.

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Applications

Designed for microbiological testing of chlorinated water—ideal for drinking water, wastewater, recreational water, and water from production processes.

Quality Assurance Certification

Sampling bags are free from R-NASE, D-NASE, and pyrogens, meet FDA, ISO 9001, and ISO 11135 standards, and are sterilized with ethylene oxide gas in ISO-certified facilities.

Technical Specifications

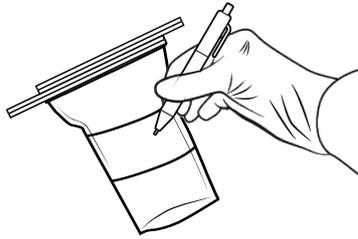
Product Overview	Sterile bag sealed on all four sides with metal wire
Plastic Film	Co-extruded film of HDPE (High-Density Polyethylene) and LLDPE (Linear Low-Density Polyethylene)
Metal Wire	Aluminum
Tape	Polyester
Pull Tabs	6.5 mm wide Tyvek
Sodium Thiosulfate	25 mg tablet, non-toxic and non-nutritive
Reinforced Bottom	Available with or without reinforced bottom
Sterilization	Sterilized with EO gas in accordance with ISO11135.
Shelf Life	Five-year shelf life from the date of manufacture.
Regulation	FDA-approved for food contact.

Key Benefits

- Easy bag closure: simply fold the top of the bag and wire together three times to create a leak-proof sample bag.
- Puncture-resistant tape and specially treated wire ends help prevent the wire from piercing through the tape.
- Sterilization is guaranteed when sealed cartons are sterilized with ethylene oxide gas after manufacturing at an ISO-certified facility.

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Instructions for Use



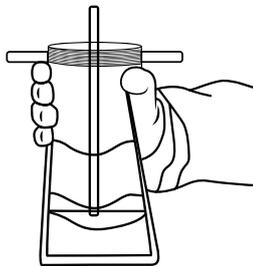
1 Label your sample.



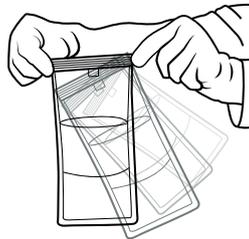
2 To open, cut along the perforated line at the top.



3 Use the Tyvek tabs to open without risk of contamination.



4 Place the liquid or solid sample on one side of the filter.



5 Hold the bag by the tabs and twist three to four times for a proper seal.



6 Alternatively, fold the tab tightly three to four times to securely close the bag.



7 For added security, bend the ends of the wire to keep solids safely sealed inside.



8 Or, bring both wire ends together, twist, tie, and tuck them in.

Order Information

Code	Product
RL0818T	Thio 4 oz / 100 ml Flat, Box of 100 Bags
RL1123ST	Thio 10 oz / 300 ml Stand Up, Box of 100 Bags

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Product Overview

Reference image	Packaging	Quantity
	Thio 4 oz / 100 ml Flat	Box of 100 bags
	Thio 10 oz / 300 ml Stand Up	Box of 100 bags

Storage Guidelines

- Store in a dry, clean area, away from contaminants.
- Keep out of direct light.
- Ensure packaging is undamaged and use before the expiration date.
- Maintain ambient conditions between 20-25 °C (68-77 °F), not exceeding 32 °C (90 °F), and keep relative humidity below 75%.
- Under these conditions, Thio Bag Riverlabs products have a recommended shelf life of 5 years from the manufacturing date.