

When you want to be sure...

SURE-SEAL^{*}

Certified Leak-free Cassettes

- **Maximum sample collection and accurate results**
–Eliminate filter bypass and plastic-to-plastic leakage
- **Zero leaks under vacuum**
–Verified by rigid quality control inspections
- **Packaged with cassette parts assembled**
- **Certified leak-free**
- **Available in standard, solvent-resistant, high-temperature, and conductive materials**

Through precision molding and a rigorous in-process quality assurance program, SURE-SEAL[™] cassettes are produced to ensure that they will not leak under vacuum. Only cassettes that meet these exacting standards are certified leak-free and carry the SURE-SEAL. Look for the SURE-SEAL as your assurance of quality and accuracy.



SKC certifies cassettes as leak-free if cassettes can retain a constant vacuum (24 inches of mercury) with a less than 1 inch of mercury decay per second for 30 seconds and a constant pressure (5 pounds per square inch [PSI]) with decay of less than 1 PSI per 30 seconds.

SURE-SEAL High-temperature Cassettes

Sampling at elevated temperatures usually requires expensive, heavy, and bulky stainless steel cassettes. Economical SKC High-Temperature Cassettes are made of a lightweight material that is compatible with many solvents. Each cassette includes a stainless steel support screen. High-temperature Cassettes are rated to 450 F (232 C) and are autoclavable.



* SURE-SEAL is a trade name of Omega Specialty Instrument Co., a member of the SKC family of operating companies.



The SURE-SEAL Advantage

SKC SURE-SEAL certified leak-free cassettes eliminate filter bypass and plastic-to-plastic leakage for the most accurate sampling.

Problem: Filter bypass can result in significant error by underestimating the sample or, in extreme cases, a "false negative" measurement.

Solution: *SURE-SEAL certified leak-free cassettes eliminate filter bypass.*

Problem: Plastic-to-plastic leakage increases sample size and is not representative of the sampled air that enters the inlet of the cassette. Due to the restriction of the plastic-to-plastic pathway, even poorly constructed cassettes can filter out 30- to 40-micron particles, which are not retained by the filter as part of the air sampled. The contaminant would be underestimated.

Solution: *SURE-SEAL certified leak-free cassettes are precision molded and rigorously leak tested to eliminate plastic-to-plastic leakage.*

Ordering Information

Diameter	Type	Material/Properties	Cat. No.	Qty.
SURE-SEAL Air Monitoring Cassettes†				
25	2-pc	Styrene, clear	225-2-25LF	50
25	3-pc	Styrene, clear	225-3-25LF	50
37	2-pc	Styrene, clear	225-2LF	10
			225-2050LF	50
37	3-pc	Styrene, clear	225-3LF	10
			225-3050LF	50
37	2-pc	Styrene, opaque brown	225-4	50
37	3-pc	Styrene, opaque brown	225-8451	50
SURE-SEAL Solvent-resistant* Air Monitoring Cassettes† <i>Compatible with most solvents.*</i>				
25	2-pc goblet style	Polypropylene, opaque white	225-8481	50
37	2-pc	Polypropylene, opaque white	225-8483	50
37	3-pc	Polypropylene, opaque white	225-45	10
37	3-pc	Polypropylene, opaque white	225-45A	50
SURE-SEAL High-temperature Air Monitoring Cassettes† <i>For sampling up to 450 F (232 C), compatible with most solvents*, autoclavable.</i>				
25	2-pc goblet style	Ivory, includes SS support screen	225-8491	10
37	2-pc	Ivory, includes SS support screen	225-8493	10
37	3-pc	Ivory, includes SS support screen	225-8494	10
SURE-SEAL Conductive Air Monitoring Cassettes† <i>For reducing sample loss due to electrostatic effects; required for asbestos sampling.</i>				
25	3-pc, middle cowl	Polypropylene, conductive black	225-3-23	50
37	3-pc	Polypropylene, conductive black	225-309	50
47	2-pc	Polypropylene, conductive black	225-8496	12
47	3-pc	Polypropylene, conductive black	225-8497	12

* For solvent compatibility list, contact SKC or visit www.skcinc.com

† Require Sure-Seal Cassette Opener accessory.

2-piece
25 and 37 mm3-piece
25 and 37 mm3-piece asbestos
25 mm2-piece goblet
25 mm**Accessories**

Description	Cat. No.	Qty.
Sure-Seal Cassette Opener , stainless steel, with extended handle for easier opening of 25- and 37-mm SURE-SEAL cassettes (<i>see right</i>)	225-13-5A	each
E-Z Cassette Opener , separates cassette parts, suitable for 25-mm or 37-mm cassettes	225-13-5	each
Cassette End Plugs , red and blue for 25- or 37-mm cassettes	225-3-RB	50 sets
Adapters , Luer taper connects to 1/4-in ID tubing		
PVC	225-13-2	10
Nickel-coated brass	225-13-3	10
Forceps , precision stainless steel with serrated tips for inserting filters into cassettes	225-13-1	each
Filter Lifter , stainless steel, speeds removal of filter from cassette, prevents damage to membrane	225-13-7	each

Sure-Seal Cassette
Opener

Filter Lifter



Forceps

