

Thermo Scientific
Slides and Specialty Glass



purity · performance
peace of mind

Thermo
SCIENTIFIC

purity

Thermo Scientific Slides and Specialty Glass
complete control from start to finish....



Why Pure Water White Glass?

- ▶ **Clearest possible optics for accurate diagnosis.**
Pathologists appreciate the unmatched transparency and absence of color tint in Thermo Scientific microscope slides.
- ▶ **Preserve the integrity of special stains.**
The reduction of impurities, including metallic contaminants in common float glass, reduces fluorescence and provides a consistent platform for your samples.

The journey of the slide.

Selectively sourced from carefully chosen locations across Europe, our raw materials travel in certified contaminant-free trains to our plant in Switzerland. Here, a completely unique process creates pure water white glass of exceptional clarity. To avoid contamination from fossil fuels, we use a specially designed electric furnace which, instead of the common horizontal float method, uses a vertical draw. At the end of the process emerges pure and exceptionally transparent glass which is then cut into large sheets, packaged using advanced robotics and shipped to our production facility in Portsmouth, New Hampshire, USA.

The Portsmouth plant mixes high technology, complex chemistry and precision automated processes with classic craftsmanship to produce a family of market leading microscope slides, including the industry standard Thermo Scientific™ Superfrost Plus®. Skilled slide-makers, many with 20 to 30 years of experience, strive to create slides with lot-to-lot and box-to-box consistency. Fully integrated quality control includes several checkpoints for testing. Every member of the production team is involved in monitoring the integrity of the process at every step. The slides are then distributed through premier channels with deep logistics expertise to deliver them to labs around the world.

Recognized for its unmatched purity and trusted performance, Superfrost Plus has been published in more than 3,000 articles in the last decade.



At the center of your workflow is a patient waiting for results.



Slides MatterSM to Your Workflow

Often taken for granted, the characteristics and quality of glass slides matter to your workflow.

- ▶ **Tissue Mounting**
Charged adhesion slides make pickup and capture of thin and thick tissue samples faster and easier, without the need for chemical additives.
- ▶ **Staining**
Using quality charged slides greatly lowers the risk of sample loss during staining procedures; this is critical for the harsh antigen-retrieval steps in IHC.
- ▶ **Cover Slipping**
Lower the chance of breakage during cover slipping with full-featured, precision slides. Quality cover slips are also critical for smooth, consistent performance.
- ▶ **Diagnosis**
Accurate visual diagnosis by the pathologist relies on slide quality and clarity. Premium charged slides keep tissue flat. Pure water white glass provides clear optics without the effect of a tinted background.

performance

How often is tissue lost during processing? What does that cost? Do you work with small biopsies that may provide few chances, perhaps only one, to prepare the sample? Did you know workflow defects cost the average pathology lab \$540 a day?*

A consistent, reliable workflow, which includes quality slides, reduces your defect costs that range from wasted resources to lost time. To protect samples, streamline workflow and simplify inventory management, some top labs choose to use premium charged adhesion slides, like Superfrost Plus, exclusively. Among the benefits enumerated above, you never have to worry about grabbing the right slide for your limited or precious samples.

When it comes to lab accuracy and efficiency, Slides Matter.



peace of mind

Slides are literally the foundation of your research and diagnostics, the platform for your samples. Don't risk interruption to your workflow, errors in your results or added costs that can result from inferior slides. Every box of Thermo Scientific microscope slides and specialty glass comes with peace of mind. For more than 75 years, originally as Erie Scientific and now with the vast resources of Thermo Fisher Scientific, we offer the highest quality slides available and support our customer service teams with on-staff chemists, histotechnologists, engineers and glass and ink experts. When you have a challenge or problem, we are here to assist.



Slides Matter—be sure to use the best!

We'll help you select the best Thermo Scientific microscope slide for unusual samples, to solve workflow issues and assist with your unique needs. Call 1-800-258-0834 for assistance and a free sample.

www.thermoscientific.com/slides

Thermo Scientific Slides and Specialty Glass.

Purity, Performance and Peace of Mind since 1934.



Guard against hidden defects

* A 2010 study estimated that workflow defects cost the average pathology lab \$540 per day. The analysis also determined that, including labor and other costs, staining costs jump to \$18 for H&E and as much as \$50 per slide for advanced stains. *Arch Pathol Lab Med.* 2010; 134(8):1164-9.

- ▶ Reduce your workflow defects. Select high-quality Thermo Scientific slides for trusted performance.

© 2011 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details.

North America: USA/Canada +1 800 258 0834

www.thermoscientific.com/slides

Brochure NA042011

Thermo
S C I E N T I F I C
Part of Thermo Fisher Scientific