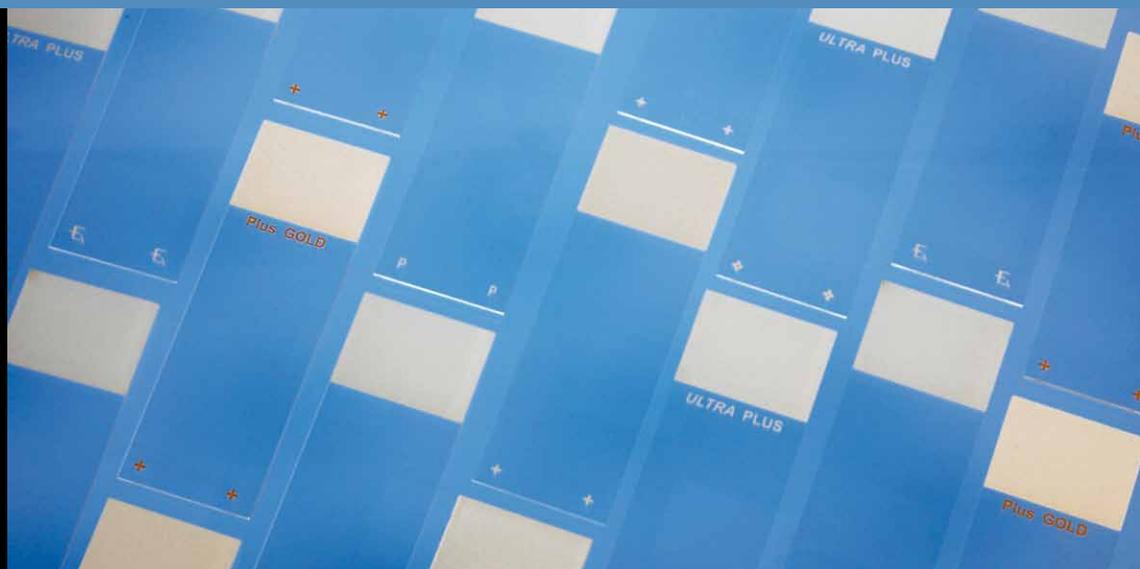


**Thermo Scientific
Adhesion Slides**



Adhesion Slides

Thermo Scientific adhesion coated slides are made of extra white glass and fulfil highest demands on quality. An advanced adhesive coating on the surface, reliably fixes the cell and tissue samples on the slide, making time-consuming coating processes and costly adhesives, superfluous.

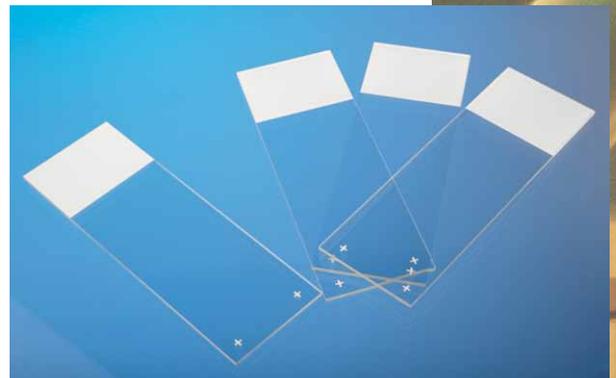
Our adhesion slides are available in 5 different types: SuperFrost Plus, SuperFrost Ultra Plus, Polysine, SuperFrost Plus Gold and SuperFrost Excell. All types come with the proven SuperFrost writing tab area.

Thermo Scientific SuperFrost Plus

This application method provides the surface of a slide with a positive charge. Electrostatic attraction binds fresh frozen tissue sections, paraffin sections and cytology preparations due to covalent interactions between the sections and the glass.

Using our SuperFrost Plus adhesion slides avoids the blue or red background staining often encountered in hematoxylin and eosin staining as well as brown background staining incurred in immunoperoxidase or in-situ-DNA-procedures.

Application: Histology, Cytology, Microbiology.
For 2-5 micron thick tissue sections.



Thermo Scientific SuperFrost Ultra Plus

Like the SuperFrost Plus, the surface of the SuperFrost Ultra Plus adhesion slides provide a positive charge. This ensures a firm electrostatic attraction of cytological samples, fresh frozen tissue sections, or formaldehyde-fixed, paraffin sections. Also, tissue adherence is improved and background staining in standard hematoxylin and eosin staining is avoided. In total, our SuperFrost Ultra Plus simplifies standardization and reproducibility of routine diagnostic staining procedures.

SuperFrost Ultra Plus adhesion slides are characterized by the optimized tissue adhesion when in-situ-hybridization techniques or immunoperoxidase procedures, where heat induced antigen / epitope retrieval (HIER, HMAR or HTAR) are necessary.

Application: Histology, Cytology, Microbiology.
For 2-5 micron thick tissue sections.





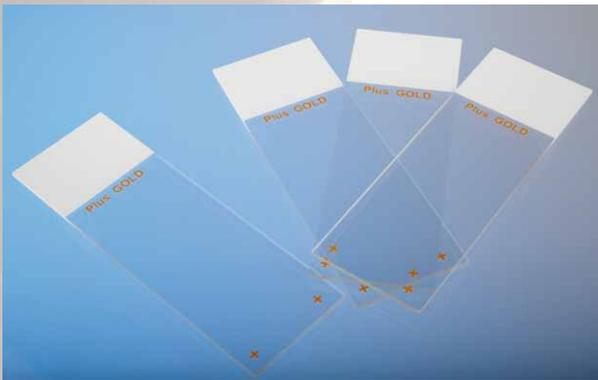
Thermo Scientific Polysine

Polysine adhesion slides possess electrostatic and bio-chemical adhesion. First the preparation adheres due to the electrostatic attraction, then it is fixed in its position by bio-chemical binding. Polysine are best suited for formalin-, alcohol- or Bouins'- fixed paraffin embedded tissue sections from human sources.

Polysine slides are not affected by enzyme predigestion or heating, making them ideal for immunocytochemical and molecular hybridization assays on cell preparations or tissue sections. The use of Polysine slides ends tissue loss in prolonged in-situ-DNA-hybridization techniques and in immunocytochemistry methods.

The adhesion of Polysine is superior to glue, protein or silane treated slides.

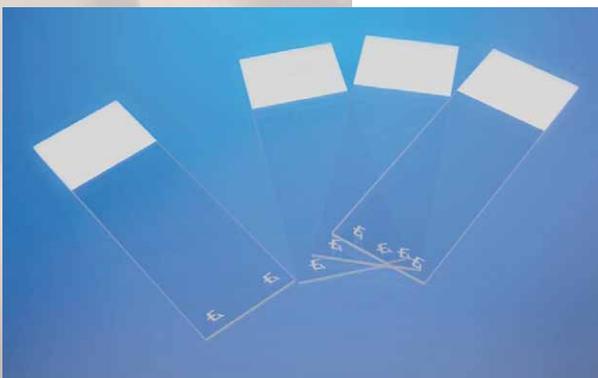
Application: Histology, Cytology .
For 2-5 micron thick tissue sections.



Thermo Scientific SuperFrost Plus Gold

These slides benefit from a revolutionary new adhesive technology which first attracts and then chemically bonds fresh or formalin-fixed frozen tissue sections firmly to the surface of the slide. SuperFrost Plus Gold slides are ideal for special stains, immunocytochemical and in-situ-DNA-hybridization techniques when applied to fixed or frozen tissue sections. These slides are especially recommended for normally hard to hold tissue samples like bone, brain and breast. SuperFrost Plus Gold are compatible with both toluidine blue and hematoxylin and eosin rapid frozen section stains.

Application: Histology, Cytology, Microbiology.
For up to 20 micron thick tissue sections.



Thermo Scientific SuperFrost Excell

SuperFrost Excell adhesion slides have a hydrophilic surface for superior wettability. These slides are especially recommended for automated staining procedures. SuperFrost Excell slides were developed specifically for use in HIER methods that require high pH antigen retrieval solutions, including EDTA. Excell slides also work well for plastic sections. An additional feature of the SuperFrost Excell slides is that they work well on tissue samples that will ultimately be used for Laser Capture Microdissection (LCM).

Application: Histology, Cytology, Microbiology, and Laser Capture Microdissection (LCM). For 4-15 micron thick tissue sections.

SuperFrost® Plus

J1800AMNZ
 Size: 25 x 75 x 1.0 mm
 Glass: extra white
 Edges: ground 90°
 Colours of marking area: white
 blue, pink, yellow or green on request
 Packing: per 72 pieces, glass and box in cellophane



SuperFrost Ultra Plus®

J3800AMNZ = 90°, J4800AMNZ = 45°
 Size: 25 x 75 x 1.0 mm
 Glass: extra white
 Edges: ground 45° or 90°
 Colours of marking area: white
 blue, pink, yellow or green on request
 Packing: per 72 pieces, glass and box in cellophane



Polysine®

J2800AMNZ
 Size: 25 x 75 x 1.0 mm
 Glass: extra white
 Edges: ground 90°
 Colours of marking area: white
 blue, pink, yellow or green on request
 Packing: per 72 pieces, glass and box in cellophane



SuperFrost® Plus Gold

K5800AMNZ72
 Size: 25 x 75 x 1.0 mm
 Glass: extra white
 Edges: ground 90°
 Colour of marking area: white
 Packing: per 72 pieces, glass and box in cellophane



SuperFrost® Excel™

J5800AMNZ
 Size: 25 x 75 x 1.0 mm
 Glass: extra white
 Edges: ground 90°
 Colour of marking area: white
 Packing: per 72 pieces, glass and box in cellophane



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