

## METALLIC FILM ORIENTATION OF SUBSTRATEK™ METALLIC SUBSTRATES

**PRODUCT NOS. 21310, 20, 30, 40 – 10, -25 AND 21410, 20, 30, 40 – 10, -25**

The Substratek™ TEM substrates are metallic ultrathin films on a standard 3mm TEM grid. Available substrate materials are Au, Pt, Pd (2-3nm thickness) and TiOx (10-20nm thickness) on 300 and 400mesh TEM grids. The Au, Pt and Pd substrates are deposited on gold TEM grids, while the TiOx substrate is deposited on copper TEM grids.

They are supplied in a PELCO #160 TEM grid box in quantities of 10 and 25.

The metallic film is deposited on the side of the grid where the serif in the number 1 is facing backward as illustrated below.

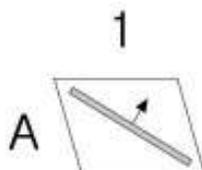


Top view



Side View

Open the box half-way to expose the row number A and column numbers 1 to 5. Place on bench with open side on right and support film is on the side indicated by the arrow vector.



NOTE: It is normal for the film on some grid squares to rupture during processing.