

PELCO SynapTek™ GRIDS FOR TEM

- DEVELOPED TO GIVE PERFECT STABILITY FOR COATING WITH A SUPPORT FILM
- EXTREMELY STURDY
- EASY-TO-CLEAN, CONTAMINATION FREE, REUSABLE AFTER CLEANING

With a thickness of 100µm (4 mil) and a diameter of 3.05mm, PELCO SynapTek™ Grids are available with a standard oval 1 x 2mm slot. For higher yields, there are also versions available with a 0.5 x 2mm slot, a 0.8 x 1.8mm slot and a 1.5mm diameter hole.

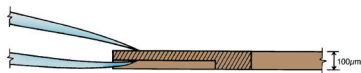
The standard material for PELCO SynapTek™ Grids is a beryllium copper alloy, however for special applications nickel, molybdenum and gilded (gold plated) versions are also available.

PELCO Synaptek™ TEM Grids have special identification and handling features with some features combined.

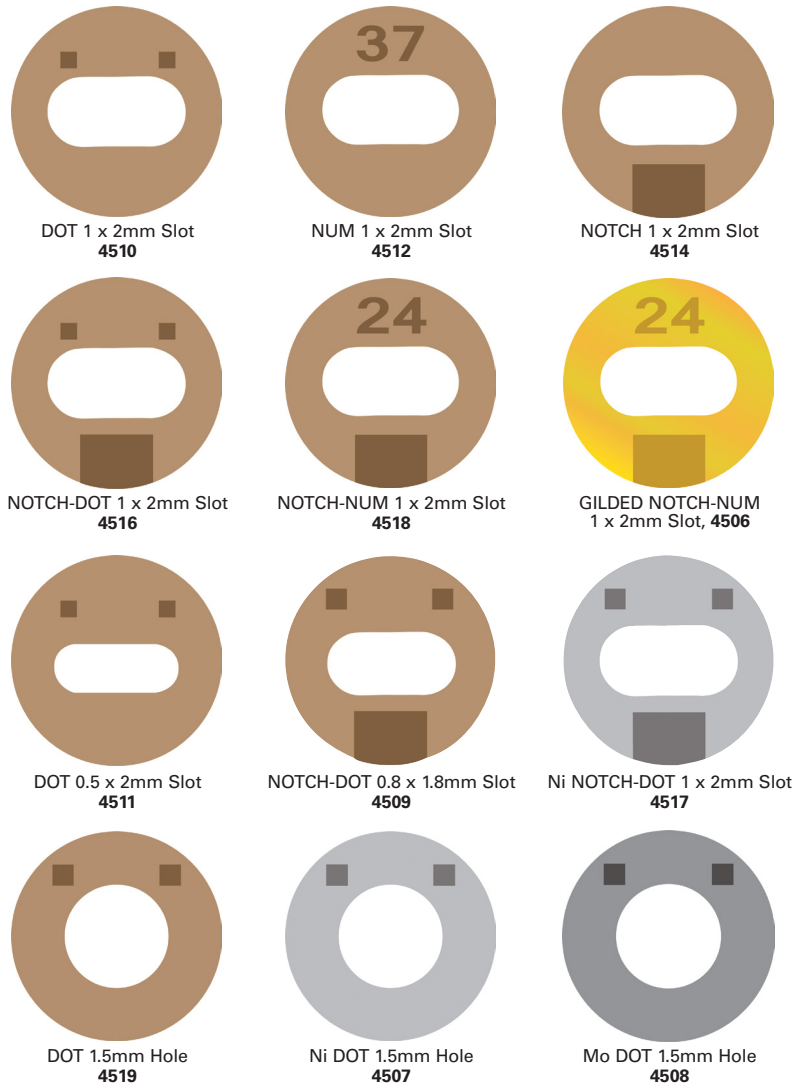
DOT: One side of the grid is marked with two square dots for clear identification, visible to the unaided eye

NUM: A number between 0-99 stamped on one side of the grids (instead of the dots) for identification. Numbers are in random orders and may be duplicated.

NOTCH: An indentation stamped on one side of the grid to enable easy handling by tweezers.

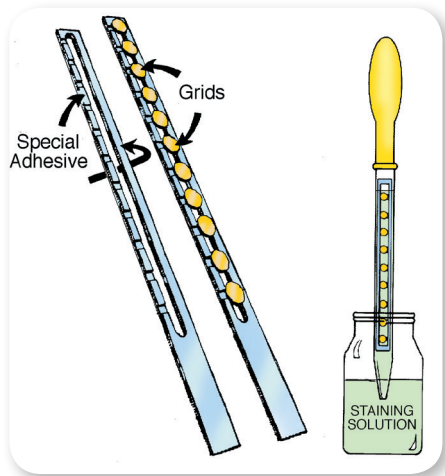
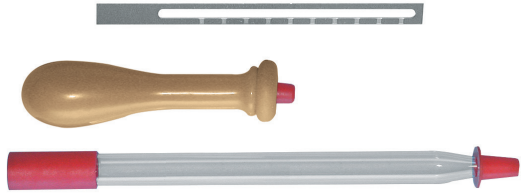


Notched PELCO SynapTek™ Grids Permit Easier Grasping by Tweezers



4510	PELCO SynapTek™ DOT Grids, 1 x 2mm Slot, Beryllium-Copper	100/vial
4512	PELCO SynapTek™ NUM Grids, 1 x 2mm Slot, Beryllium-Copper	100/vial
4514	PELCO SynapTek™ NOTCH Grids, 1 x 2mm Slot, Beryllium-Copper	100/vial
4516	PELCO SynapTek™ NOTCH-DOT Grids, 1 x 2mm Slot, Beryllium-Copper	100/vial
4518	PELCO SynapTek™ NOTCH-NUM Grids, 1 x 2mm Slot, Beryllium-Copper.....	100/vial
4506	PELCO SynapTek™ NOTCH-DOT Grids, 1 x 2mm Slot, Gold-Plated (Gilded) Beryllium-Copper.....	100/vial
4511	PELCO SynapTek™ DOT Grids, 0.5 x 2mm Slot, Beryllium-Copper	100/vial
4509	PELCO SynapTek™ NOTCH-DOT Grids, 0.8 x 1.8mm Slot, Beryllium-Copper	100/vial
4517	PELCO SynapTek™ NOTCH-DOT Grids, 1 x 2mm Slot, Nickel	100/vial
4519	PELCO SynapTek™ DOT Grids, 1.5mm Hole, Beryllium-Copper.....	100/vial
4507	PELCO SynapTek™ DOT Grids, 1.5mm Hole, Nickel.....	100/vial
4508	PELCO SynapTek™ DOT Grids, 1.5mm Hole, Molybdenum.....	25/vial

PELCO SynapTek™ GridStick & Adhesive



Fully Loaded PELCO SynapTek™ GridStick with 1 x 2mm PELCO SynapTek™ Grids.

PELCO SynapTek™ GridStick

An inexpensive device to reduce or eliminate precipitates, dust and artifacts from your TEM grids during staining.

The PELCO SynapTek™ GridStick is manufactured from a thin but rigid alloy that does not react with commonly used organic solvents and stains. It measures 4mm wide by 75mm long and has a slot along its center with small undercut notches on one side to make grid removal simple. A small area on top of each PELCO SynapTek™ GridStick is reserved for identification (use a fine point permanent ink pen).

The PELCO SynapTek™ GridStick is coated with a specially formulated pressure-sensitive adhesive. This adhesive holds the grids in place during staining, emulsion coating, carbon coating, shadow casting and serial section collection.

The PELCO SynapTek™ GridStick will fit into conventional Pasteur pipettes. The grids lie in the same plane as the solution flow, minimizing chances of breaking Formvar films and collecting surface debris.

The PELCO SynapTek™ GridStick has been developed in conjunction with PELCO SynapTek™ Grids. Other grids may be used provided they have sufficient thickness to avoid bending when being removed from the adhesive on the PELCO SynapTek™ GridStick.

PELCO SynapTek™ Grids are 100µm thick.

Complete PELCO SynapTek™ GridStick Kit includes: 5 coated GridSticks, 10 Staining Pipettes, 2 Flow-Limiting Plugs and Bulbs, Instructions

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|-------|---|
| 155 | PELCO SynapTek™ GridStick Kit.....each |
| 155-5 | Replacement GridSticks, Uncoated.....pkg/10 |
| 155-7 | Replacement Staining Pipettes w/ 2 Flow-Limiting Plugs.....pkg/20 |



PELCO SynapTek™ GridStick Adhesive

Use PELCO SynapTek™ GridStick Adhesive to adhere grids to the GridStick. Coats approximately 200 GridSticks. Includes instructions.

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| 155-9 | PELCO SynapTek™ GridStick Adhesive, 5ml.....each |
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