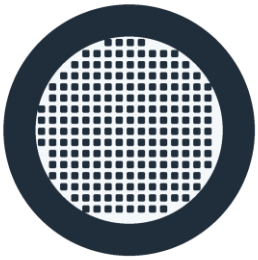

PACIFIC GRID TECH

Pacific Grid Tech / Grid-Tech

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January, 2026

Pacific Grid-Tech is a trusted provider of high-quality transmission electron microscopy (TEM) grids used in life sciences, materials science, nanotechnology, and semiconductor research.

We manufacture grids using materials such as copper, molybdenum, and nickel, and supply grids coated with various support films including carbon films, holey films, and sandwich films to ensure reliable and consistent microscopy results.

Our products are widely used by researchers around the world and cited in peer-reviewed publications.

Materials

Copper, molybdenum, nickel, gold, etc.

Support films

Continuous carbon, Formvar, Formvar-carbon, holey, lacey, reinforced coatings

Applications

Life science, materials science, cryo-EM, nanoparticle analysis, replica prep

Pack options

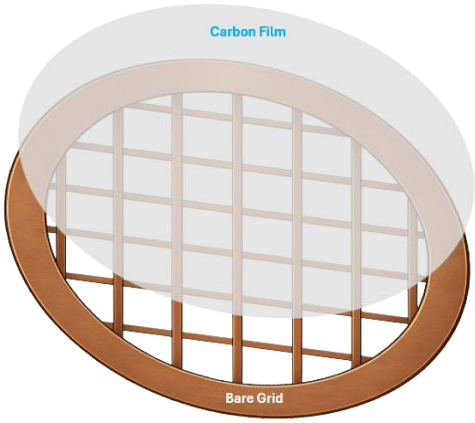
25 grids/pack, 50 grids/pack, storage accessories

Quality points

Controlled deposition, stability, beam resistance, smooth surface options

Continuous Carbon Film TEM Grids

Continuous Carbon Film TEM Grids provide a **uniform, electron-transparent support layer** suitable for high-resolution TEM imaging. They are widely used in biological imaging, nanoparticle characterization, and materials science.

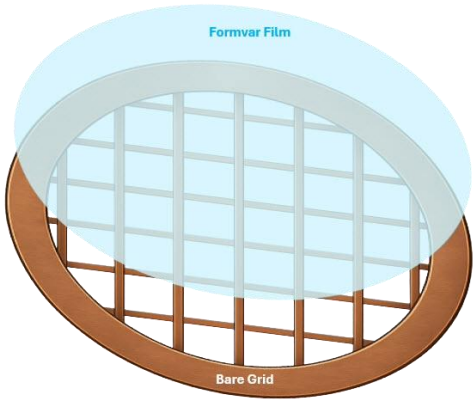


Cat#	Mesh	Base Material	Description	Pack	Price
Cu-200CN	200	Copper	200 Mesh Copper TEM Grid with Thin Carbon Film	25 Grid	$74.75
Cu-300CN	300	Copper	300 Mesh Copper TEM Grid with Thin Carbon Film	25 Grid	$62.25
Cu-400CN	400	Copper	400 Mesh Copper TEM Grid with Thin Carbon Film	25 Grid	$62.25
Cu-200CK	200	Copper	200 Mesh Copper TEM Grid with Thick Carbon Film	25 Grid	$74.75
Cu-300CK	300	Copper	300 Mesh Copper TEM Grid with Thick Carbon Film	25 Grid	$62.25
Cu-400CK	400	Copper	400 Mesh Copper TEM Grid with Thick Carbon Film	25 Grid	$62.25
Mo-200CN	200	Copper	200 Mesh Molybdenum TEM Grid with Thin Carbon Film	25 Grid	$224.75
Mo-300CN	300	Copper	300 Mesh Molybdenum TEM Grid with Thin Carbon Film	25 Grid	$199.75
Mo-400CN	400	Copper	400 Mesh Molybdenum TEM Grid with Thin Carbon Film	25 Grid	$199.75
Mo-200CK	200	Copper	200 Mesh Molybdenum TEM Grid with Thick Carbon Film	25 Grid	$224.75
Mo-300CK	300	Copper	300 Mesh Molybdenum TEM Grid with Thick Carbon Film	25 Grid	$199.75
Mo-400CK	400	Copper	400 Mesh Molybdenum TEM Grid with Thick Carbon Film	25 Grid	$199.75

*** Additional base materials - including tungsten, nickel, titanium, and nylon - are available upon request.**

Continuous Formvar Film TEM Grids

Continuous Formvar Film TEM Grids provide a uniform, electron-transparent polymer support layer for transmission electron microscopy (TEM). Formvar films are widely used in biological and materials research due to their mechanical flexibility, smooth surface morphology, and reliable specimen support. Our continuous Formvar films are carefully prepared to ensure consistent thickness, minimal defects, and strong adhesion to the underlying grid substrate.

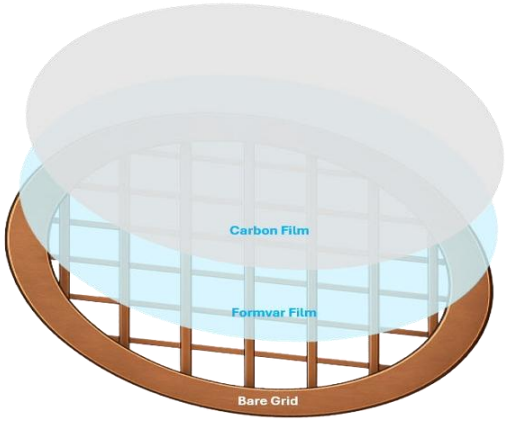


Cat#	Mesh	Base Material	Description	Pack	Price
Cu-200F	200	Copper	200 Mesh Copper TEM Grid with Formvar Film	50 Grid	$64.50
Cu-300F	300	Copper	300 Mesh Copper TEM Grid with Formvar Film	50 Grid	$64.50
Cu-400F	400	Copper	400 Mesh Copper TEM Grid with Formvar Film	50 Grid	$64.50
Mo-200F	200	Copper	200 Mesh Molybdenum TEM Grid with Formvar Film	25 Grid	$174.75
Mo-300F	300	Copper	300 Mesh Molybdenum TEM Grid with Formvar Film	25 Grid	$174.75
Mo-400F	400	Copper	400 Mesh Molybdenum TEM Grid with Formvar Film	25 Grid	$174.75

*** Additional base materials - including tungsten, nickel, titanium, and nylon - are available upon request.**

Formvar-Carbon Double Film TEM Grids

Formvar-Carbon Double Film TEM Grids combine the mechanical flexibility of a continuous Formvar support layer with the enhanced beam stability of a continuous carbon coating. This dual-layer configuration provides improved structural integrity, reduced film breakage, and greater resistance to electron beam damage during transmission electron microscopy (TEM) analysis. These grids are particularly well suited for demanding biological and materials science applications requiring reliable specimen support and consistent imaging performance.

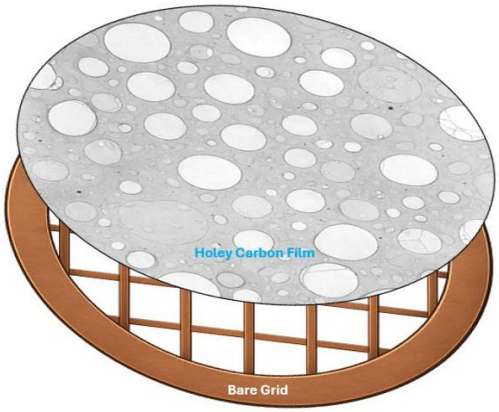


Cat#	Mesh	Base Material	Description	Pack	Price
Cu-200FC	200	Copper	200 Mesh Copper TEM Grid with Formvar Carbon Film	50 Grid	$89.50
Cu-300FC	300	Copper	300 Mesh Copper TEM Grid with Formvar Carbon Film	50 Grid	$89.50
Cu-400FC	400	Copper	400 Mesh Copper TEM Grid with Formvar Carbon Film	50 Grid	$89.50
Mo-200FC	200	Copper	200 Mesh Molybdenum TEM Grid with Formvar Carbon Film	25 Grid	$174.75
Mo-300FC	300	Copper	300 Mesh Molybdenum TEM Grid with Formvar Carbon Film	25 Grid	$174.75
Mo-400FC	400	Copper	400 Mesh Molybdenum TEM Grid with Formvar Carbon Film	25 Grid	$174.75

*** Additional base materials - including tungsten, nickel, titanium, and nylon - are available upon request.**

Holey Carbon Film TEM Grids

Holey Carbon Film TEM Grids feature a perforated carbon support film designed to provide partially unsupported imaging regions while maintaining structural integrity across the grid. These grids are widely used in cryo-electron microscopy (cryo-EM), nanoparticle analysis, and high-resolution transmission electron microscopy (TEM). The perforated carbon film allows specimens to span open areas, reducing background contribution while preserving mechanical stability.

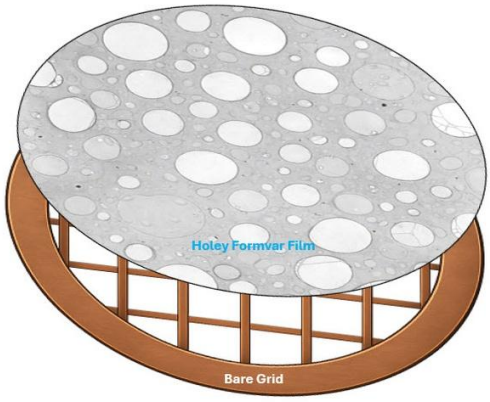


Cat#	Mesh	Base Material	Description	Pack	Price
Cu-200HN	200	Copper	200 Mesh Copper TEM Grid with Thin Holey Carbon Film	25 Grid	$87.25
Cu-300HN	300	Copper	300 Mesh Copper TEM Grid with Thin Holey Carbon Film	25 Grid	$87.25
Cu-400HN	400	Copper	400 Mesh Copper TEM Grid with Thin Holey Carbon Film	25 Grid	$87.25
Cu-200HK	200	Copper	200 Mesh Copper TEM Grid with Thick Holey Carbon Film	25 Grid	$87.25
Cu-300HK	300	Copper	300 Mesh Copper TEM Grid with Thick Holey Carbon Film	25 Grid	$87.25
Cu-400HK	400	Copper	400 Mesh Copper TEM Grid with Thick Holey Carbon Film	25 Grid	$87.25
Mo-200HN	200	Copper	200 Mesh Molybdenum TEM Grid with Thin Holey Carbon Film	25 Grid	$199.75
Mo-300HN	300	Copper	300 Mesh Molybdenum TEM Grid with Thin Holey Carbon Film	25 Grid	$199.75
Mo-400HN	400	Copper	400 Mesh Molybdenum TEM Grid with Thin Holey Carbon Film	25 Grid	$199.75
Mo-200HK	200	Copper	200 Mesh Molybdenum TEM Grid with Thick Holey Carbon Film	25 Grid	$199.75
Mo-300HK	300	Copper	300 Mesh Molybdenum TEM Grid with Thick Holey Carbon Film	25 Grid	$199.75
Mo-400HK	400	Copper	400 Mesh Molybdenum TEM Grid with Thick Holey Carbon Film	25 Grid	$199.75

*** Additional base materials - including tungsten, nickel, titanium, and nylon - are available upon request.**

Holey Formvar Film TEM Grids

Holey Formvar Film TEM Grids feature a perforated polymer support layer designed for applications requiring suspended specimen regions combined with mechanical flexibility. These grids are widely used in biological transmission electron microscopy (TEM), replica preparation, and specialized sample support applications. The patterned Formvar film provides discrete openings while maintaining a continuous polymer framework for reliable specimen handling.

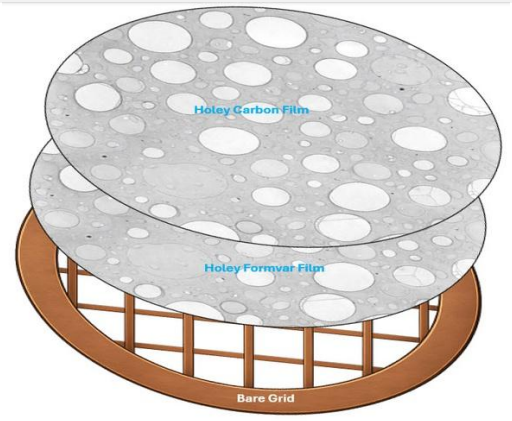


Cat#	Mesh	Base Material	Description	Pack	Price
Cu-200HF	200	Copper	200 Mesh Copper TEM Grid with Holey Formvar Film	25 Grid	$62.25
Cu-300HF	300	Copper	300 Mesh Copper TEM Grid with Holey Formvar Film	25 Grid	$62.25
Cu-400HF	400	Copper	400 Mesh Copper TEM Grid with Holey Formvar Film	25 Grid	$62.25
Mo-200HF	200	Copper	200 Mesh Molybdenum TEM Grid with Holey Formvar Film	25 Grid	$199.75
Mo-300HF	300	Copper	300 Mesh Molybdenum TEM Grid with Holey Formvar Film	25 Grid	$199.75
Mo-400HF	400	Copper	400 Mesh Molybdenum TEM Grid with Holey Formvar Film	25 Grid	$199.75

*** Additional base materials - including tungsten, nickel, titanium, and nylon - are available upon request.**

Holey Formvar-Carbon Film TEM Grids

Holey Formvar-Carbon Double Film TEM Grids consist of a discrete perforated Formvar support film reinforced with a thin carbon coating deposited directly onto the polymer surface. This configuration enhances mechanical durability and electrical conductivity while preserving the open perforations defined by the Holey Formvar film. These grids are widely used in biological transmission electron microscopy (TEM), replica preparation, and applications requiring improved stability compared to single-layer polymer supports.

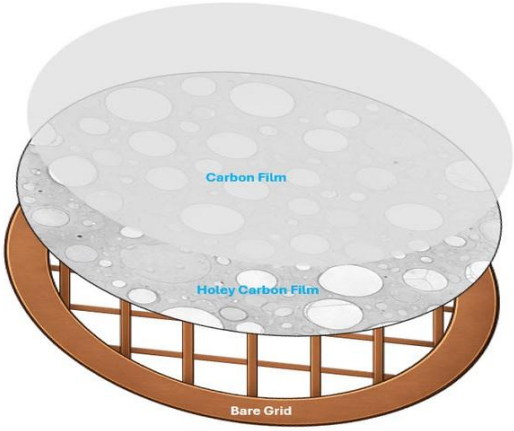


Cat#	Mesh	Base Material	Description	Pack	Price
Cu-200HFC	200	Copper	200 Mesh Copper TEM Grid with Holey Formvar Carbon Film	25 Grid	$62.25
Cu-300HFC	300	Copper	300 Mesh Copper TEM Grid with Holey Formvar Carbon Film	25 Grid	$62.25
Cu-400HFC	400	Copper	400 Mesh Copper TEM Grid with Holey Formvar Carbon Film	25 Grid	$62.25
Mo-200HFC	200	Copper	200 Mesh Molybdenum TEM Grid with Holey Formvar Carbon Film	25 Grid	$199.75
Mo-300HFC	300	Copper	300 Mesh Molybdenum TEM Grid with Holey Formvar Carbon Film	25 Grid	$199.75
Mo-400HFC	400	Copper	400 Mesh Molybdenum TEM Grid with Holey Formvar Carbon Film	25 Grid	$199.75

*** Additional base materials - including tungsten, nickel, titanium, and nylon - are available upon request.**

Holey Carbon Film with Continuous Carbon Film TEM Grids

Holey Carbon Film TEM Grids with Continuous Carbon Coating combine the advantages of perforated carbon support with an additional continuous carbon reinforcement layer. This dual-structure configuration enhances mechanical stability, improves conductivity, and reduces charging effects while preserving the benefits of open imaging regions. These grids are widely used in cryo-electron microscopy (cryo-EM), nanoparticle analysis, and advanced materials characterization.

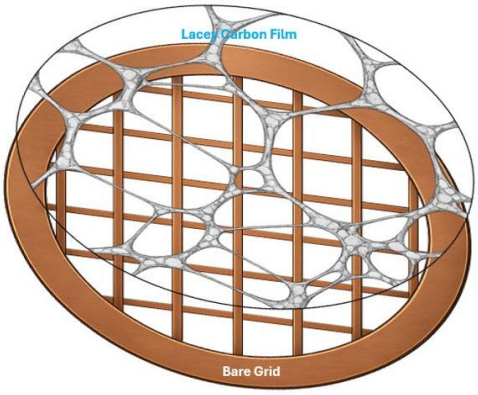


Cat#	Mesh	Base Material	Description	Pack	Price
Cu-200HD	200	Copper	200 Mesh Copper TEM Grid with Holey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$99.75
Cu-300HD	300	Copper	300 Mesh Copper TEM Grid with Holey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$99.75
Cu-400HD	400	Copper	400 Mesh Copper TEM Grid with Holey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$99.75
Mo-200HD	200	Copper	200 Mesh Molybdenum TEM Grid with Holey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$249.75
Mo-300HD	300	Copper	300 Mesh Molybdenum TEM Grid with Holey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$249.75
Mo-400HD	400	Copper	400 Mesh Molybdenum TEM Grid with Holey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$249.75

*** Additional base materials - including tungsten, nickel, titanium, and nylon - are available upon request.**

Lacey Carbon Film TEM Grids

Lacey Carbon Film TEM Grids feature a randomly structured, web-like carbon support film characterized by large irregular open areas interconnected by thin carbon strands. Unlike lacey carbon films, which form a sparse web-like network with large irregular openings, holey carbon films typically exhibit smaller perforations within a more continuous carbon framework. This configuration provides extensive unsupported regions while maintaining sufficient carbon framework for specimen stability, making it well suited for advanced transmission electron microscopy (TEM) and cryo-electron microscopy (cryo-EM) applications.

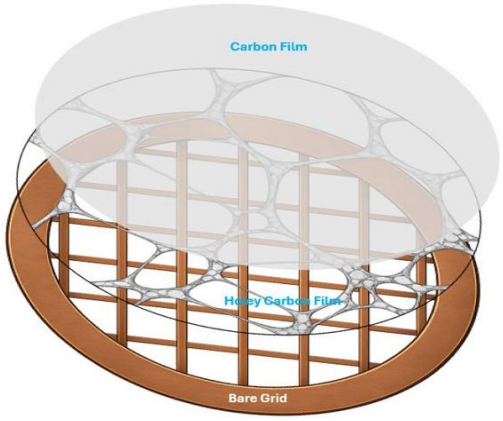


Cat#	Mesh	Base Material	Description	Pack	Price
Cu-200LC	200	Copper	200 Mesh Copper TEM Grid with Lacey Carbon Film	25 Grid	$87.25
Cu-300LC	300	Copper	300 Mesh Copper TEM Grid with Lacey Carbon Film	25 Grid	$87.25
Cu-400LC	400	Copper	400 Mesh Copper TEM Grid with Lacey Carbon Film	25 Grid	$87.25
Mo-200LC	200	Copper	200 Mesh Molybdenum TEM Grid with Lacey Carbon Film	25 Grid	$199.75
Mo-300LC	300	Copper	300 Mesh Molybdenum TEM Grid with Lacey Carbon Film	25 Grid	$199.75
Mo-400LC	400	Copper	400 Mesh Molybdenum TEM Grid with Lacey Carbon Film	25 Grid	$199.75

*** Additional base materials - including tungsten, nickel, titanium, and nylon - are available upon request.**

Lacey Carbon Film with Continuous Carbon Coating Grids

Lacey Carbon Film TEM Grids with Continuous Carbon Coating combine the irregular, web-like structure of lacey carbon with an additional continuous carbon layer deposited over the film. This configuration enhances mechanical durability and electrical conductivity while preserving the characteristic large open regions of the lacey carbon network. These grids are designed for demanding transmission electron microscopy (TEM) and cryo-electron microscopy (cryo-EM) applications requiring increased stability compared to standard lacey carbon films.

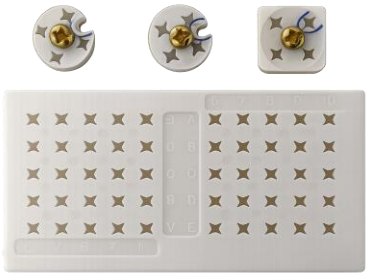


Cat#	Mesh	Base Material	Description	Pack	Price
Cu-200LD	200	Copper	200 Mesh Copper TEM Grid with Lacey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$99.75
Cu-300LD	300	Copper	300 Mesh Copper TEM Grid with Lacey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$99.75
Cu-400LD	400	Copper	400 Mesh Copper TEM Grid with Lacey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$99.75
Mo-200LD	200	Copper	200 Mesh Molybdenum TEM Grid with Lacey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$249.75
Mo-300LD	300	Copper	300 Mesh Molybdenum TEM Grid with Lacey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$249.75
Mo-400LD	400	Copper	400 Mesh Molybdenum TEM Grid with Lacey Carbon Film Reinforced by Continuous Carbon Layer	25 Grid	$249.75

*** Additional base materials - including tungsten, nickel, titanium, and nylon - are available upon request.**

TEM Grid Storage Box

The grid storage box is designed to provide secure, convenient, and reliable storage for TEM and cryo-EM grids. Its ergonomic features and durable construction ensure safe handling during routine workflows as well as under cryogenic conditions.



Cat#	Description	Pack	Price
GB-100	100 Slot round TEM grid storage box	1 Box	$6.95
GB-50	50 Slot round TEM grid storage box	1 Box	$5.95
GB-4R	4 Slot round shape Cryo-EM grid storage box	1 Box	$6.95
GB-4S	4 Slot square shape Cryo-EM grid storage box	1 Box	$6.95

Bare TEM Grids

Bare Metal TEM Grids provide the fundamental support structure for transmission electron microscopy (TEM) specimen preparation. Manufactured with a standard diameter of 3.05 mm, these grids serve as the base substrate for thin sections, carbon films, Formvar films, and other support layers. Our bare grids are precision manufactured to ensure smooth hole edges and consistent mesh geometry, supporting high-quality film deposition and high-resolution imaging.

Cat#	Description	Pack	Price
Cu-50	50 mesh Copper Grid	50 Grids/Pack	$29.99
Cu/Rh-50	50 mesh Copper/Rhodium TEM Grid	50 Grids/Pack	$29.99
Mo-50	50 mesh Molybdenum TEM Grid	50 Grids/Pack	$249.99
Ni-50	50 mesh Nickle TEM Grid	50 Grids/Pack	$29.99
Ti-50	50 mesh Titanium TEM Grid	25 Grids/Pack	$89.99
Fe-50	50 mesh Stainless steel TEM Grid	25 Grids/Pack	$89.99
Au-50	50 mesh Gold TEM Grid	25 Grids/Pack	$89.99
Cu-S	Copper TEM Slot Grid – Single Hole	50 Grids/Pack	$29.99
Mo-S	Molybdenum TEM Slot Grid – Single Hole	50 Grids/Pack	$249.99
Cu-50200	50/200 mesh Copper Grid	50 Grids/Pack	$39.99
Cu-75300	75/300 mesh Copper Grid	50 Grids/Pack	$39.99
Cu-100200	100/200 mesh Copper Grid	50 Grids/Pack	$39.99
Cu-100	100 mesh Copper Grid	50 Grids/Pack	$29.99
Cu/Rh-100	100 mesh Copper/Rhodium TEM Grid	50 Grids/Pack	$29.99
Mo-100	100 mesh Molybdenum TEM Grid	50 Grids/Pack	$249.99
Ni-100	100 mesh Nickle TEM Grid	50 Grids/Pack	$29.99
Ti-100	100 mesh Titanium TEM Grid	25 Grids/Pack	$89.99
Fe-100	100 mesh Stainless steel TEM Grid	25 Grids/Pack	$89.99
Au-100	100 mesh Gold TEM Grid	25 Grids/Pack	$89.99
Cu-200	200 mesh Copper Grid	50 Grids/Pack	$29.99
Cu/Rh-200	200 mesh Copper/Rhodium TEM Grid	50 Grids/Pack	$29.99
Mo-200	200 mesh Molybdenum TEM Grid	50 Grids/Pack	$249.99
Ni-200	200 mesh Nickle TEM Grid	50 Grids/Pack	$29.99

Ti-200	200 mesh Titanium TEM Grid	25 Grids/Pack	$89.99
Fe-200	200 mesh Stainless steel TEM Grid	25 Grids/Pack	$89.99
Au-200	200 mesh Gold TEM Grid	25 Grids/Pack	$89.99
W-200	200 mesh Tungsten TEM Grid	25 Grids/Pack	$249.99
Ny-200	200 mesh Nylon TEM Grid	25 Grids/Pack	$99.99
Cu-300	300 mesh Copper Grid	50 Grids/Pack	$29.99
Cu/Rh-300	300 mesh Copper/Rhodium TEM Grid	50 Grids/Pack	$29.99
Mo-300	300 mesh Molybdenum TEM Grid	50 Grids/Pack	$249.99
Ni-300	300 mesh Nickle TEM Grid	50 Grids/Pack	$29.99
Ti-300	300 mesh Titanium TEM Grid	25 Grids/Pack	$89.99
Fe-300	300 mesh Stainless steel TEM Grid	25 Grids/Pack	$89.99
Au-300	300 mesh Gold TEM Grid	25 Grids/Pack	$89.99
Cu-400	400 mesh Copper Grid	50 Grids/Pack	$29.99
Cu/Rh-400	400 mesh Copper/Rhodium TEM Grid	50 Grids/Pack	$29.99
Mo-400	400 mesh Molybdenum TEM Grid	50 Grids/Pack	$249.99
Ni-400	400 mesh Nickle TEM Grid	50 Grids/Pack	$29.99
Ti-400	400 mesh Titanium TEM Grid	25 Grids/Pack	$89.99
Fe-400	400 mesh Stainless steel TEM Grid	25 Grids/Pack	$89.99
Au-400	400 mesh Gold TEM Grid	25 Grids/Pack	$89.99
Cu-500	500 mesh Copper Grid	50 Grids/Pack	$59.99
Ni-500	500 mesh Nickle TEM Grid	50 Grids/Pack	$59.99
Cu-600	600 mesh Copper Grid	50 Grids/Pack	$59.99
Ni-600	600 mesh Nickle TEM Grid	50 Grids/Pack	$59.99

ORDERING & CONTACT

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