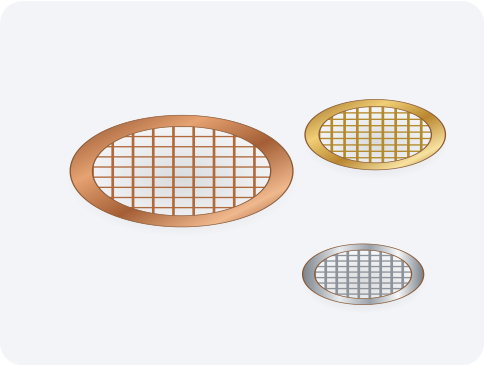
SERIES M19 · TEM GRIDS

TEM grids and support films



Standard Ø 3.05 mm grids, bare or with support films. Choose the mesh for the best balance between open area and support. Packed 100 bare grids or 25 coated grids per box.

- Ø 3.05 mm, thickness ≈ 18 – 25 µm
- Square mesh 100 to 400; hexagonal and slot grids on request
- Formvar/carbon, continuous carbon, holey and lacey carbon films
- Numbered grid storage boxes

MESH GEOMETRY (COPPER, TYPICAL)

Mesh	Pitch	Hole width	Bar width	Open area
100	250 µm	≈ 205 µm	≈ 45 µm	≈ 67 %
200	125 µm	≈ 90 µm	≈ 35 µm	≈ 52 %
300	83 µm	≈ 58 µm	≈ 25 µm	≈ 49 %
400	62 µm	≈ 42 µm	≈ 20 µm	≈ 46 %

CONFIGURATIONS

Ref. No.	Product	Grid metal	Mesh	Pack	Price
M1901	Bare grids	Cu	100 mesh	100 pcs	On request
M1902	Bare grids	Cu	200 mesh	100 pcs	On request
M1903	Bare grids	Cu	300 mesh	100 pcs	On request
M1904	Bare grids	Cu	400 mesh	100 pcs	On request
M1905	Bare grids	Ni	100 mesh	100 pcs	On request
M1906	Bare grids	Ni	200 mesh	100 pcs	On request
M1907	Bare grids	Ni	300 mesh	100 pcs	On request
M1908	Bare grids	Ni	400 mesh	100 pcs	On request
M1909	Bare grids	Au	100 mesh	100 pcs	On request
M1910	Bare grids	Au	200 mesh	100 pcs	On request
M1911	Bare grids	Au	300 mesh	100 pcs	On request
M1912	Bare grids	Au	400 mesh	100 pcs	On request
M1913	Bare grids	Mo	100 mesh	100 pcs	On request
M1914	Bare grids	Mo	200 mesh	100 pcs	On request
M1915	Bare grids	Mo	300 mesh	100 pcs	On request
M1916	Bare grids	Mo	400 mesh	100 pcs	On request
M1917	Formvar / carbon film (≈ 15 nm)	Cu	200 mesh	25 pcs	On request
M1918	Formvar / carbon film (≈ 15 nm)	Cu	300 mesh	25 pcs	On request
M1919	Formvar / carbon film (≈ 15 nm)	Cu	400 mesh	25 pcs	On request
M1920	Formvar / carbon film (≈ 15 nm)	Ni	200 mesh	25 pcs	On request

Ref. No.	Product	Grid metal	Mesh	Pack	Price
M1921	Formvar / carbon film (≈ 15 nm)	Ni	300 mesh	25 pcs	On request
M1922	Formvar / carbon film (≈ 15 nm)	Ni	400 mesh	25 pcs	On request
M1923	Continuous carbon film (10 – 20 nm)	Cu	200 mesh	25 pcs	On request
M1924	Continuous carbon film (10 – 20 nm)	Cu	300 mesh	25 pcs	On request
M1925	Continuous carbon film (10 – 20 nm)	Cu	400 mesh	25 pcs	On request
M1926	Continuous carbon film (10 – 20 nm)	Au	200 mesh	25 pcs	On request
M1927	Continuous carbon film (10 – 20 nm)	Au	300 mesh	25 pcs	On request
M1928	Continuous carbon film (10 – 20 nm)	Au	400 mesh	25 pcs	On request
M1929	Holey carbon film	Cu	200 mesh	25 pcs	On request
M1930	Holey carbon film	Cu	300 mesh	25 pcs	On request
M1931	Holey carbon film	Au	200 mesh	25 pcs	On request
M1932	Holey carbon film	Au	300 mesh	25 pcs	On request
M1933	Lacey carbon film	Cu	200 mesh	25 pcs	On request
M1934	Lacey carbon film	Cu	300 mesh	25 pcs	On request
M1935	Lacey carbon film	Ni	200 mesh	25 pcs	On request
M1936	Lacey carbon film	Ni	300 mesh	25 pcs	On request
M1937	Grid storage box (100 positions)	—	—	1 box	On request
M1938	Grid storage box (100 positions)	—	—	5 boxes	On request

Specifications are typical values; every lot ships with a Certificate of Conformance, and measured data are available on request. Prices on request.