

PELCO® TEM Grid Support Film Application Guide

This Support Film Application Guide will help you determine what support film to use for your particular transmission electron microscopy project. Once you have decided which substrate best suits your needs, you can go back up on the page for a listing of available Support Films and pricing.

B = Best; **G** = Good Alternative; - = Not Suitable

Substrate Application	Formvar Only	Formvar Stabilized with Carbon	Silicon Monoxide on Formvar	Silicon Monoxide on Type-A	Carbon Type-A	Carbon Type-B	Pure Carbon Film	Is Lacey Film suitable for this application
Applications Requiring Pure Formvar	B	-	-	-	-	-	-	No
Bacterial Suspensions	-	G	B	B	B	B	B	Yes
Cell Fragment Suspensions	-	B	B	B	B	B	B	Yes
Diffraction Studies	-	-	G	G	B	B	B	Yes
EDS (energy dispersive spectrometry)	-	G	-	-	B	B	G	Yes
High Resolution Microscopy	-	G	G	B	B	B	B	Yes
High Temperature Techniques / Heating Stage	-	-	-	G	B	-	B	Yes (Type A)
Low Magnification Microscopy	G	B	B	G	G	B	G	No
Particulate Suspension, Biological	-	G	B	B	B	B	B	Yes
Particulate Suspension, Non-biological	-	G	B	B	B	B	B	Yes
Powders, Dry	-	G	B	G	G	B	G	No
Replicas & Low Temperature Techniques	G	B	-	-	G	B	G	Yes (Type-A)
Thin Sections	G	B	G	B	G	B	G	Yes
Viral Suspensions	-	G	G	B	B	B	B	Yes