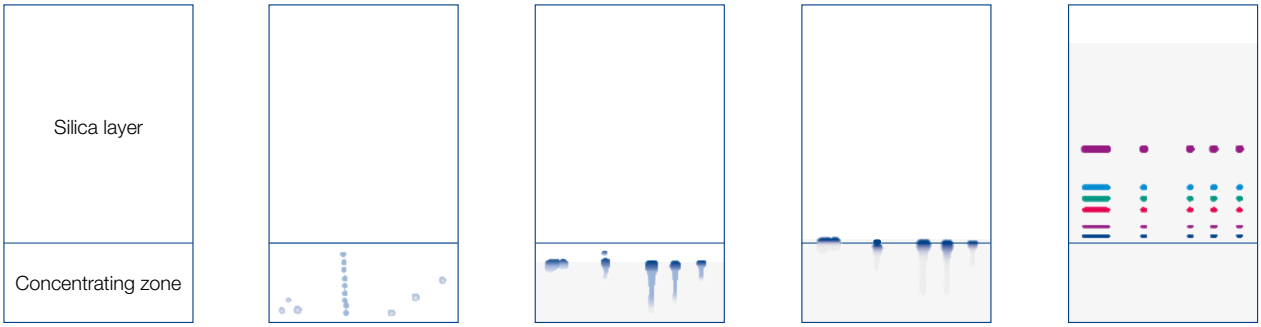
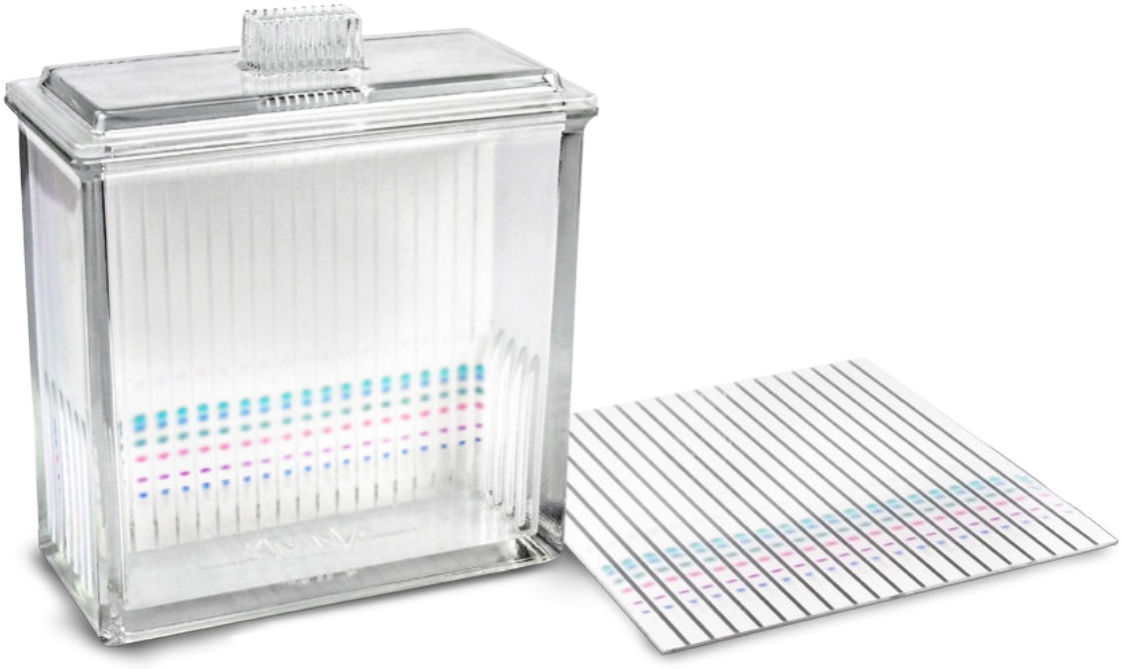
MN TLC pre-coated layers – qualitative and individual tailored

Kieselguhr zone

- For rapid sample application
- Because kieselguhr is completely inert towards a large number of compounds, the samples always form a narrow band at the interface of the two adsorbents, irrespective of shape, size or position of the spots in the concentrating zone. Separation then takes place in the silica layer.





Silica layers with concentrating zone

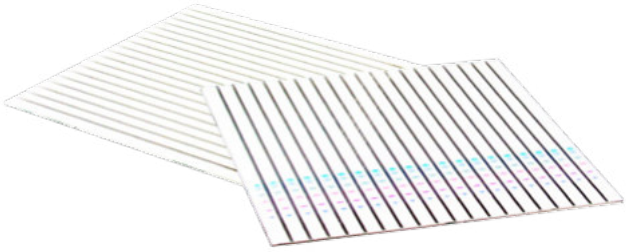
SILGUR G Ax unmodified standard silica layers with concentrating zone

Technical characteristics

- Silica 60, mean pore size 60 Å, specific surface (BET) ~ 500 m^2/g, specific pore volume 0.75 mL/g, particle size 5–17 µm
- Kieselguhr zone for rapid sample application (see page 278)
- Channel-plate with 19 channels help to prevent cross contamination by separating several samples
- More samples can be separated on a plate, and spot areas can be more easily determined

Ordering information

Plate size [cm]	10 x 20	20 x 20	Thickness of layer	Fluorescent indicator
Glass plates				
Pack of [plates]	50	25		
SILGUR-25	810012	810013	0.25 mm	–
SILGUR-25 UV_{254}	810022	810023	0.25 mm	UV_{254}
Channel-Plates				
Pack of [plates]		25		
SILGUR-25-C UV_{254}		810123	0.25 mm	UV_{254}
ALUGRAM® Xtra aluminum sheets				
Pack of [plates]	20	25		
SILGUR	818412	818413	0.20 mm	–
SILGUR UV_{254}	818422	818423	0.20 mm	UV_{254}



Nano-SILGUR G Ax unmodified HPTLC silica layers with concentrating zone

Technical characteristics

- Nano silica 60, pore size 60 Å, specific surface (BET) ~ 500 m^2/g, mean specific pore volume 0.75 mL/g, particle size 2–10 µm
- Kieselguhr zone for rapid sample application (see page 278)

Ordering information

Plate size [cm]	10 x 10	Thickness of layer	Fluorescent indicator
Pack of [plates]	25		
Glass plates			
Nano-SILGUR-20	811032	0.20 mm	–
Nano-SILGUR-20 UV_{254}	811042	0.20 mm	UV_{254}
ALUGRAM® Xtra aluminum sheets			
Nano-SILGUR	818432	0.20 mm	–
Nano-SILGUR UV_{254}	818442	0.20 mm	UV_{254}