



# Unmodified HPTLC silica layers



## Nano-ADAMANT <sup>G</sup> unmodified HPTLC silica layers

### ★ Key features

- Outstanding hardness and abrasion resistance due to an optimized binder system
- Increased separation efficiency due to an optimized particle size distribution
- High suitability for trace analyses resulting from a UV indicator with increased brilliance and a lownoise background of the layer

### 🔧 Technical characteristics

- Nano silica 60, mean pore size 60 Å, specific surface (BET) ~ 500 m<sup>2</sup>/g, specific pore volume 0.75 mL/g, particle size 2–10 µm

### Ordering information

Plate size [cm]	10 x 10	10 x 20	Thickness of layer	Fluorescent indicator
Pack of [plates]	25	50		

### Glass plates

Nano-ADAMANT	821140	821150	0.20 mm	–
Nano-ADAMANT UV <sub>254</sub>	821110	821120	0.20 mm	UV <sub>254</sub>

## Nano-SIL <sup>G Ax A</sup> unmodified HPTLC silica layers

### 🔧 Technical characteristics

- Nano silica 60, mean pore size 60 Å, specific surface (BET) ~ 500 m<sup>2</sup>/g, specific pore volume 0.75 mL/g, particle size 2–10 µm
- Indicator: manganese activated zinc silicate with green fluorescence for short-wave UV (254 nm)
- Binder: highly polymeric product, which is stable in almost all organic solvents and resistant towards aggressive visualization reagents

### Ordering information

Plate size [cm]	5 x 5	5 x 20	10 x 10	10 x 20	20 x 20	Thickness of layer	Fluorescent indicator
Pack of [plates]	100	50	25	50	25		

### Glass plates

Nano-SIL-20	811011	811012	811013	0.20 mm	–
Nano-SIL-20 UV <sub>254</sub>	811021	811022	811023	0.20 mm	UV <sub>254</sub>

### ALUGRAM<sup>®</sup> Xtra aluminum sheets

Nano-SIL G	818240	818241	0.20 mm	–
Nano-SIL G/UV <sub>254</sub>	818342	818343	0.20 mm	UV <sub>254</sub>

### ALUGRAM<sup>®</sup> aluminum sheets

Nano-SIL G	818141	0.20 mm	–
Nano-SIL G/UV <sub>254</sub>	818143	0.20 mm	UV <sub>254</sub>

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