

# Thin layer chromatography

## Polyester sheets for TLC

- Silica 60, mean pore size 60 Å
- Specific pore volume 0.75 mL/g
- Particle size 5–17 µm
- Standard grade
- The binder system for POLYGRAM® sheets is also completely stable in purely aqueous eluents



## POLYGRAM® SIL G

Designation	Thickness of layer	Plate size*	Fluorescent indicator	Plates per pack	REF
SIL G	0.20 mm	2.5 x 7.5 cm	–	200	805902
SIL G	0.20 mm	4 x 8 cm	–	50	805032
SIL G	0.20 mm	5 x 20 cm	–	50	805012
SIL G	0.20 mm	20 x 20 cm	–	25	805013
SIL G	0.20 mm	40 x 20 cm	–	25	805014
SIL G UV <sub>254</sub>	0.20 mm	2.5 x 7.5 cm	UV <sub>254</sub>	200	805901
SIL G UV <sub>254</sub>	0.20 mm	4 x 8 cm	UV <sub>254</sub>	50	805021
SIL G UV <sub>254</sub>	0.20 mm	5 x 20 cm	UV <sub>254</sub>	50	805022
SIL G UV <sub>254</sub>	0.20 mm	20 x 20 cm	UV <sub>254</sub>	25	805023
SIL G UV <sub>254</sub>	0.20 mm	40 x 20 cm	UV <sub>254</sub>	25	805024
SIL G UV <sub>254</sub>	0.20 mm	500 x 20 cm	UV <sub>254</sub>	1 roll	805017

\* Further plate sizes available

## POLYGRAM® SIL N-HR

- Different binder system compared to SIL G results in different separation characteristics
- Higher gypsum content

Designation	Thickness of layer	Plate size*	Fluorescent indicator	Plates per pack	REF
SIL N-HR UV <sub>254</sub>	0.20 mm	5 x 20 cm	UV <sub>254</sub>	50	804022
SIL N-HR UV <sub>254</sub>	0.20 mm	20 x 20 cm	UV <sub>254</sub>	25	804023

\* Further plate sizes available