

Partisil® adsorption TLC plates, K6 and K5

K6 and K5 plates provide high purity silica gels and polarity for normal phase separations. Superior performance compared to silica gel "G" through better resolution, higher sensitivity and more durability. Moderate layer hardness makes possible convenient spot recovery with the aid of a sample recovery tube. Wide applicability, including carbohydrates, antibiotics, alkaloids, amino acids and phospholipids.

- Chemically and optically inert organic binder
- Fast separation with excellent resolution
- Quality separation of moderately to strongly polar compounds

10-12 µm silica

Description	Format (mm)	Pk	Cat. No.
PLK5F	200x200	20	552-0503
PK6F	200x200	20	552-0512
K6	50x200	75	552-0504
K6	100x200	50	552-0505
K6	200x200	25	552-0506
MK6F	25x75	500	552-0507
K6F	50x100	150	552-0508
K6F	50x200	75	552-0509
K6F	100x200	50	552-0510
K6F	200x200	25	552-0511
LK6D (4 channels)	50x200	75	552-0513
LK6D (19 channels)	200x200	25	552-0514
LK6DF (4 channels)	50x200	75	552-0515
LK6DF (19 channels)	200x200	25	552-0516



HPTLC Plates Silica Gel 60, Modified Layers, Glass

RP-modified silica plates

RP 2, RP 8 and RP 18 are based on silica gel 60 modified with aliphatic hydrocarbons. The chain length in combination with the degree of modification defines the ability to tolerate water in the solvent system and strongly affects retention. Migration time increases in the order RP 2, RP 8 and RP 18 using the same solvent composition. Plates exhibit higher polarity and high affinity of aqueous solutions tolerating up to 60 to 80% water. The innovative HPTLC RP 18 W can be used even with pure water.

CN, DIOL, NH₂ modified silica plates

The CN and DIOL modified silica plates are moderately polar and suited for both normal and reverse phase systems. The amino modified NH₂ plate provides weak basic ion exchange characteristics with special selectivity for charged compounds. It offers an alternative to PEI cellulose.

HPTLC concentrating zone plates

HPTLC concentrating zone plates that allow easy application of large volumes of diluted samples.

- Quick and easy manual sample application
- Includes a purification and concentration step

Description	Format (mm)	Thickness (µm)	Pk	Cat. No.
HPTLC silica gel 60 RP-2 F254s***	100x100	200	25	1.13726.0001
HPTLC silica gel 60 RP-8 F254s***	100x100	200	25	1.13725.0001
HPTLC silica gel 60 RP-18	200x100	200	25	1.05914.0001
HPTLC silica gel 60 RP-18 W*	200x100	200	25	1.14296.0001
HPTLC silica gel 60 RP-18 F254s***	100x100	200	25	1.13724.0001
HPTLC silica gel 60 RP-18 W* F254s***	100x100	200	25	1.13124.0001
HPTLC silica gel 60 CN F254s***	100x100	200	25	1.16464.0001