

Multiformat plates (TLC and HPTLC)

Multiple sizes in one single glass plate

Merck Millipore multiformat glass plates are pre-scored for easy snapping with the fingers to smaller sizes.

- Easy snapping with the fingers
- Up to 7 formats in one plate

Multiformat plates utilize the same proven silica coating as the corresponding TLC or HPTLC plate delivering chromatograms that are identical to those on normal non-scored plates.

The number of possible plates depends on the scoring, for example: For a 20 x 20 cm plate scored in segments of 5 x 10 cm, up to seven different formats are possible: 20 cm x 20 cm, 15 cm x 20 cm, 10 cm x 20 cm, 5 cm x 20 cm, 10 cm x 15 cm, 10 cm x 10 cm, 5 cm x 10 cm

Ordering information – Multiformat plates

Product	Ordering No.	Scored [cm]	Number of plates possible	Contents of one package
Multiformat silica gel 60 F ₂₅₄ ex 20 x 20	1.05620.0001	5 x 10	200	25 plates
Multiformat silica gel 60 F ₂₅₄ ex 20 x 20	1.05608.0001	5 x 20	80	20 plates
HPTLC Multiformat silica gel 60 F ₂₅₄ ex 10 x 10	1.05635.0001	5 x 5	100	25 plates
HPTLC Multiformat silica gel 60 ex 10 x 10	1.05644.0001	5 x 5	400	100 plates

F₂₅₄: Green fluorescent indicator

Application of multiformat plates



Note: To prevent the glass backing from uncontrolled and irregular breaking avoid putting plates directly on hot metal plates, drying cabinets or plate heaters after development or staining. When heat drying is necessary, use distance holders of low thermal conductivity between glass and hot metal plate i.e. glass rods or similar.

► **Classical silica TLC plates (TLC)** For versatile and reliable routine analysis of a broad range of substances
page 98

► **High performance silica plates (HPTLC)** For fast analysis of complex samples for manual or instrumental use
page 103

► **Preparative layer plates (PLC)** For enrichment of target analytes in mg quantities and sample clean-up
page 132