

TLC Silicagel 60 F₂₅₄

Descripción	
Número de catálogo	105554
Replaces	5554-7; 5554
Visión de conjunto	Our classical silica TLC plates are based on a combination of our proven silica gel 60 and the addition of a unique polymeric binder resulting in a very adherent and hard surface that will not crack or blister and even allow writing with a pencil on the surface without risk to damage the layer.
Información del producto	
Código HS	3822 00 00
Quality Level	MQ100
Aplicaciones	
Aplicación	Aluminum TLC plate, silica gel coated with fluorescent indicator F254. The silica gel TLC plates come in a quantity of 25 size 20x20 cm for thin layer chromatography applications.
Información de seguridad según el GHS	
Clase de almacenamiento	10 - 13 Otros líquidos y sustancias sólidas

Información de almacenamiento y transporte

Almacenamiento

Temperatura de almacenamiento: sin limitaciones.

Especificaciones

**Specific surface area
(according to BET; 5-Pt.
measurement)**

480 - 540 m²/g

**Pore volume (N₂-
isotherm)**

0.74 - 0.84 ml/g

**d 50 (laser diffraction,
size distribution)**

9.5 - 11.5 µm

Layer thickness

175 - 225 µm

**Deviation of layer
thickness per plate**

≤ 30 µm

A) Colour test

Bleu VIF Organol

11 - 25

Ceres black

34 - 48

Ceres violet BRN

52 - 67

Separation number

≥ 10.5

Especificaciones	
B) Steroid test	
Hydrocortisone	25 - 37
Reichstein S	37 - 49
Methyltestosterone	42 - 54
Typical value determined on a conditioned sheet Eluent A) Toluene (45% rel.humidity) Eluent B) Ethyl acetate/Toluene (95/5 v/v; 20% rel.humidity)	