



# TLC Plates & HPLC Scouting Columns

## Technical data sheet

FlashPure TLC plates and HPLC scouting columns are used to optimize the mobile phase for upscaled flash separations. The resulting data allow to automatically generate a flash gradient profile via the Pure Navigator software.



## FlashPure TLC Plates

Glass or aluminum backed plates coated with FlashPure ID Silica, EcoFlex Silica or Alumina; used for normal phase applications

Order no.	Description	Coated material				Backing	Plate dimension	Fluorescent indicator
		Phase	Particle size	Pore volume	Specific surface area			
148621250	FlashPure ID TLC Plates (25 pcs.)	Silica	5-17 µm	0.74-0.76 mL/g	350-450 m <sup>2</sup> /g	Glass	20x 20 cm	yes (UV 254 nm)
148628492	FlashPure ID TLC Plates Silica (25 pcs.)	Silica	5-17 µm	0.74-0.76 mL/g	350-450 m <sup>2</sup> /g	Aluminum	20x 20 cm	no
148628490	FlashPure ID TLC Plates Silica (25 pcs.)	Silica	5-17 µm	0.74-0.76 mL/g	350-450 m <sup>2</sup> /g	Aluminum	20x 20 cm	yes (UV 254 nm)
140000174	FlashPure EcoFlex TLC Plates Silica (20 pcs.)	Silica	6-10 µm	0.8-1.0 mL/g	300-400 m <sup>2</sup> /g	Glass	20x 20 cm	yes (UV 254 nm)
140000175	FlashPure EcoFlex TLC Plates Silica (20 pcs.)	Silica	6-10 µm	0.8-1.0 mL/g	300-400 m <sup>2</sup> /g	Aluminum	20x 20 cm	yes (UV 254 nm)
140000179	FlashPure EcoFlex TLC Plates Alumina Neutral (20 pcs.)	Alumina neutral	< 48 µm	0.05-0.10 mL/g	50-100 m <sup>2</sup> /g	Glass	20x 20 cm	yes (UV 254 nm)
140000180	FlashPure EcoFlex TLC Plates Alumina Basic (20 pcs.)	Alumina basic	< 48 µm	0.05-0.10 mL/g	50-100 m <sup>2</sup> /g	Glass	20x 20 cm	yes (UV 254 nm)

## FlashPure HPLC scouting columns

Steel columns filled with FlashPure ID C18 or C18 WP Silica; used for reversed-phase applications.

	Order no.
FlashPure ID C18 HPLC Column 4.6 x 50 mm, (1 pc.)	145156384
FlashPure ID C18 HPLC Column 4.6 x 150 mm, (1 pc.)	145156385
FlashPure ID C18 HPLC Column 4.6 x 250 mm, (1 pc.)	145156386
FlashPure ID C18 WP HPLC Column 4.6 x 50 mm, (1 pc.)	140000009
FlashPure ID C18 WP HPLC Column 4.6 x 150 mm, (1 pc.)	140000010
FlashPure ID C18 WP HPLC Column 4.6 x 250 mm, (1 pc.)	140000011