Summary of phases for TLC

G glass plates

P POLYGRAM® polyester sheets

A ALUGRAM® aluminium sheets

Ax ALUGRAM® Xtra aluminium sheets

Available supports				Phase	Description
				Standard silica	
G				ADAMANT	silica 60, improved binder system, optimized particle size distribution
G	P	A	Ax	SIL G ALUGRAM® Xtra SIL G	silica 60, standard grade, particle size 5–17 µm **ALUGRAM® Xtra:** as above, on aluminium, outstanding wettability, improved cutting properties
G				DURASIL	silica 60, special binder system
	P			SIL N-HR	high purity silica 60, special binder system, higher gypsum content
G			Ax	SILGUR	silica 60 with kieselguhr concentrating zone
				Unmodified silica for HPTLC	
G			Ax	Nano-SILGUR	nano silica 60 with kieselguhr concentrating zone
G				Nano-ADAMANT	nano silica 60, optimized binder system and particle size distribution
G		A	Ax	Nano-SIL	nano silica 60, standard grade, particle size 2–10 µm
G				Nano-DURASIL	nano silica 60, special binder system
				Modified silica for HPTLC	
G				Nano-SIL C18-50 / C18-100	nano silica with partial or complete C18 modification
G		A		RP-18 W	nano silica with partial octadecyl modification, wettable with water
G		A		RP-2	silanized silica = dimethyl-modified silica 60
G		A		Nano-SIL CN	cyano-modified nano silica
G		A		Nano-SIL NH_2	amino-modified nano silica

G				**Nano-SIL Diol**	diol-modified nano silica
				Aluminium oxide	
G	P	A		**Alox-25 / Alox N**	aluminium oxide
				Cellulose, unmodified and modified	
G	P	A		**CEL 300**	native fibrous cellulose MN 300
G	P			**CEL 400**	microcrystalline cellulose MN 400 (AVICEL)
	P			**CEL 300 PEI**	polyethyleneimine-impregnated cellulose ion exchanger
	P			**CEL 300 AC**	acetylated cellulose MN 300
				Layers for special separations	
	P			**Polyamide 6**	perlon = ε-aminopolycaprolactame
G				**CHIRALPLATE**	RP-silica with Cu^{2+} ions and chiral reagent, for enantiomer separation
G				**SIL G-25 HR**	high purity silica 60 with gypsum, recommended for aflatoxin analysis
G				**SIL G-25 Tenside**	silica G with ammonium sulfate for separation of surfactants
G				**Nano-SIL PAH**	nano silica with special impregnation for PAH analysis
	P			**IONEX-25 SA-Na**	mixed layer of strongly acidic cation exchanger and silica
	P			**IONEX-25 SB-AC**	mixed layer of strongly basic anion exchanger and silica
G				**Alox/CEL-AC-Mix**	mixed layer of aluminium oxide and acetylated cellulose
G				**SILCEL-Mix**	mixed layer of cellulose and silica