

TLC Merck商品との対比表

Standard silica layers for TLC	Thickness of layer	Plate size	Pack of	MN 型番	Merck / メルク型番
This list is not intended to be exhaustive.	[mm]	[cm]	[plates]	REF	
<b>ADAMANT glass plates with standard silica layers</b>					
ADAMANT	0.25	5 x 10	50	821040	
ADAMANT	0.25	10 x 20	50	821070	105626
ADAMANT	0.25	10 x 10	25	821050	
ADAMANT	0.25	20 x 20	25	821060	105721
ADAMANT UV254	0.25	2.5 x 7.5	100	821005	115327 / (115341: 500 pcs)
ADAMANT UV254	0.25	5 x 10	50	821010	105789 // 105620 (25 pcs)
ADAMANT UV254	0.25	5 x 10	200	821010.200	105719
ADAMANT UV254	0.25	5 x 20	100	821015	105808 (25 pcs)
ADAMANT UV254	0.25	10 x 10	25	821020	
ADAMANT UV254	0.25	10 x 20	50	821025	105729
ADAMANT UV254	0.25	20 x 20	25	821030	105715 / 105805
<b>Glass plates with SIL G standard silica layers</b>					
SIL G-25	0.25	5 x 10	50	809017	
SIL G-25	0.25	5 x 20	100	809011	105724
SIL G-25	0.25	10 x 20	50	809012	105626
SIL G-25	0.25	20 x 20	25	809013	
SIL G-25 UV254	0.25	5 x 10	50	809027	105789 (25 pcs)
SIL G-25 UV254	0.25	2.5 x 7.5	500	809028	115341 / (115327: 100 pcs)
SIL G-25 UV254	0.25	5 x 10	200	809027.200	105719
SIL G-25 UV254	0.25	5 x 20	100	809021	105714
SIL G-25 UV254	0.25	10 x 10	25	809020	
SIL G-25 UV254	0.25	10 x 20	50	809022	105729
SIL G-25 UV254	0.25	20 x 20	25	809023	105715
SIL G-25 UV254+366	0.25	5 x 20	100	809121	
SIL G-25 UV254+366	0.25	10 x 20	50	809122	
SIL G-25 UV254+366	0.25	20 x 20	25	809123	
SIL G-50	0.50*	20 x 20	20	809051	113894
SIL G-50 UV254	0.50*	20 x 20	20	809053	105744
SIL G-100	1.00*	20 x 20	15	809061	
SIL G-100 UV254	1.00*	20 x 20	15	809063	113895
SIL G-200	2.00*	20 x 20	12	809073	105745
SIL G-200 UV254	2.00*	20 x 20	12	809083	105717
<b>*for preparative TLC (PLC)</b>					
<b>POLYGRAM® polyester sheets with SIL G standard silica layers</b>					

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SIL G	0.20	2.5 x 7.5	200	805902	
SIL G	0.20	4 x 8	50	805032	
SIL G	0.20	5 x 20	50	805012	
SIL G	0.20	20 x 20	25	805013	105748
SIL G	0.20	40 x 20	25	805014	
SIL G/UV254	0.20	2.5 x 7.5	200	805901	
SIL G/UV254	0.20	4 x 8	50	805021	105750
SIL G/UV254	0.20	5 x 20	50	805022	
SIL G/UV254	0.20	20 x 20	25	805023	105735
SIL G/UV254	0.20	40 x 20	25	805024	
SIL G/UV254	0.20	500 x 20	1 roll	805017	105749
<b>ALUGRAM® Xtra aluminium sheets with SIL G standard silica layers, wettable with water</b>					
SIL G	0.20	5 x 7.5	20	818230.20	
SIL G	0.20	5 x 10	50	818261	116835
SIL G	0.20	5 x 20	50	818232	
SIL G	0.20	20 x 20	25	818233	116487/ 105553
SIL G/UV254	0.20	4 x 8	50	818331	
SIL G/UV254	0.20	5 x 7.5	20	818330.20	105549
SIL G/UV254	0.20	5 x 10	50	818360	116834
SIL G/UV254	0.20	5 x 20	50	818332	
SIL G/UV254	0.20	10 x 20	20	818362	105570
SIL G/UV254	0.20	20 x 20	25	818333	105554
<b>ALUGRAM® aluminium sheets with SIL G standard silica layers</b>					
SIL G	0.20	5 x 7.5	20	818030.20	
SIL G	0.20	5 x 10	50	818161	116835
SIL G	0.20	5 x 20	50	818032	
SIL G	0.20	10 x 20	20	818163	
SIL G	0.20	20 x 20	25	818033	105553
SIL G/UV254	0.20	2.5 x 7.5	200	818129	
SIL G/UV254	0.20	4 x 8	50	818131	
SIL G/UV254	0.20	5 x 7.5	20	818130.20	105549
SIL G/UV254	0.20	5 x 10	50	818160	105554
SIL G/UV254	0.20	5 x 20	50	818132	
SIL G/UV254	0.20	10 x 20	20	818162	105570
SIL G/UV254	0.20	20 x 20	25	818133	105554
<b>DURASIL glass plates with standard silica layers</b>					
DURASIL-25	0.25	10 x 20	50	812003	

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DURASIL-25	0.25	20 x 20	25	812004	
DURASIL-25 UV254	0.25	5 x 10	50	812005	
DURASIL-25 UV254	0.25	5 x 20	100	812006	
DURASIL-25 UV254	0.25	10 x 20	50	812007	
DURASIL-25 UV254	0.25	20 x 20	25	812008	
<b>POLYGRAM® polyester sheets with high purity silica layers</b>					
SIL N-HR	0.20	20 x 20	25	804013	
SIL N-HR/UV254	0.20	5 x 20	50	804022	
SIL N-HR/UV254	0.20	20 x 20	25	804023	
<b>TLC glass plates with concentrating zone, standard silica layers</b>					
SILGUR-25	0.25	10 x 20	50	810012	111844
SILGUR-25	0.25	20 x 20	25	810013	111845
SILGUR-25 UV254	0.25	10 x 20	50	810022	111846
SILGUR-25 UV254	0.25	20 x 20	25	810023	111798
<b>ALUGRAM® Xtra aluminium sheets with concentrating zone, standard silica layers</b>					
SILGUR	0.20	10 x 20	20	818412	
SILGUR	0.20	20 x 20	25	818413	105582
SILGUR UV254	0.20	10 x 20	20	818422	
SILGUR UV254	0.20	20 x 20	25	818423	105583
<b>Nano silica layers for HPTLC</b>					
<b>ADAMANT glass plates with nano silica layers for HPTLC</b>					
Nano-ADAMANT	0.20	5 x 5	100	821130	
Nano-ADAMANT	0.20	10 x 10	25	821140	105631
Nano-ADAMANT	0.20	10 x 20	50	821150	105641
Nano-ADAMANT UV254	0.20	5 x 5	100	821100	
Nano-ADAMANT UV254	0.20	10 x 10	25	821110	105628
Nano-ADAMANT UV254	0.20	10 x 20	50	821120	105642
Nano-ADAMANT UV254	0.20	20 x 20	25	821190	
<b>Glass plates with nano silica layers for HPTLC</b>					
Nano-SIL-20	0.20	5 x 5	100	811011	
Nano-SIL-20	0.20	10 x 10	25	811012	105631
Nano-SIL-20	0.20	10 x 20	50	811013	105641
Nano-SIL-20 UV254	0.20	5 x 5	100	811021	
Nano-SIL-20 UV254	0.20	10 x 10	25	811022	105628
Nano-SIL-20 UV254	0.20	10 x 20	50	811023	105642

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<b>ALUGRAM® Xtra aluminium sheets with nano silica layers for HPTLC</b>					
Nano-SIL G	0.20	5 x 20	50	818240	
Nano-SIL G	0.20	20 x 20	25	818241	105547
Nano-SIL G/UV254	0.20	5 x 20	50	818342	
Nano-SIL G/UV254	0.20	20 x 20	25	818343	105548
<b>ALUGRAM® aluminium sheets with nano silica layers for HPTLC</b>					
Nano-SIL G	0.20	5 x 20	50	818140	
Nano-SIL G	0.20	20 x 20	25	818141	105547
Nano-SIL G/UV254	0.20	5 x 20	50	818142	
Nano-SIL G/UV254	0.20	20 x 20	25	818143	105548
<b>DURASIL glass plates with nano silica layers for HPTLC</b>					
Nano-DURASIL-20	0.20	10 x 10	25	812010	
Nano-DURASIL-20	0.20	10 x 20	50	812011	
Nano-DURASIL-20 UV254	0.20	5 x 5	100	812012	
Nano-DURASIL-20 UV254	0.20	10 x 10	25	812013	
Nano-DURASIL-20 UV254	0.20	10 x 20	50	812014	
<b>HPTLC glass plates with very thin nano silica layers</b>					
AMD SIL G-05 UV254	0.05	10 x 20	5	811101	
AMD SIL G-10 UV254	0.10	10 x 20	25	811103	111764 /112363
<b>Glass plates with concentrating zone for HPTLC, nano silica layers</b>					
Nano-SILGUR-20	0.20	10 x 10	25	811032	113748
Nano-SILGUR-20 UV254	0.20	10 x 10	25	811042	113727
<b>ALUGRAM® Xtra aluminium sheets with concentrating zone for HPTLC, nano silica layers</b>					
Nano-SILGUR	0.20	10 x 10	25	818432	105582
Nano-SILGUR UV254	0.20	10 x 10	25	818442	105583
<b>TLC and HPTLC plates with RP silica layers</b>					
<b>HPTLC glass plates with C18 silica layers</b>					
Nano-SIL C18-50	0.20	10 x 10	25	811054	
Nano-SIL C18-50 UV254	0.20	10 x 10	25	811064	
Nano-SIL C18-100	0.20	10 x 10	25	811052	
Nano-SIL C18-100 UV254	0.20	10 x 10	25	811062	113724
<b>HPTLC glass plates with C18 silica layers</b>					
RP-18 W/UV254	0.25	5 x 20	50	811073	115683
RP-18 W/UV254	0.25	10 x 10	25	811075	113124
RP-18 W/UV254	0.25	10 x 20	50	811072	114296 ( 20 pcs)

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RP-18 W/UV254	0.25	20 x 20	25	811071	115389
RP-18 W/UV254	1.00*	20 x 20	15	811074	
<b>*for preparative TLC (PLC)</b>					
<b>ALUGRAM® aluminium sheets with C18 silica layers</b>					
RP-18 W/UV254	0.15	4 x 8	50	818144	
RP-18 W/UV254	0.15	5 x 10	50	818152	115685 (glass)
RP-18 W/UV254	0.15	5 x 20	50	818145	
RP-18 W/UV254	0.15	10 x 10	25	818147	
RP-18 W/UV254	0.15	20 x 20	25	818146	105559
<b>TLC glass plates with C2 silica layers (silanized silica)</b>					
RP-2/UV254 (silanized silica)	0.25	10 x 10	25	811080	113726
RP-2/UV254 (silanized silica)	0.25	10 x 20	50	811081	
RP-2/UV254 (silanized silica)	0.25	20 x 20	25	811082	105747
<b>ALUGRAM® aluminium sheets C2 silica layers</b>					
RP-2/UV254 (silanized silica)	0.15	4 x 8	50	818170	
RP-2/UV254 (silanized silica)	0.15	20 x 20	25	818171	
<b>HPTLC plates with CN-modified silica layers (cyano)</b>					
<b>Glass plates</b>					
Nano-SIL CN/UV	0.20	10 x 10	25	811115	116464
Nano-SIL CN/UV	0.20	10 x 20	25	811116	112571
<b>ALUGRAM® aluminium sheets</b>					
Nano-SIL CN/UV	0.15	4 x 8	50	818184	
Nano-SIL CN/UV	0.15	20 x 20	25	818185	
<b>HPTLC plates with NH2-modified silica layers (amino)</b>					
<b>Glass plates</b>					
Nano-SIL NH2	0.20	10 x 10	25	811109	112572 (20x10)
Nano-SIL NH2/UV	0.20	10 x 10	25	811111	115647
Nano-SIL NH2/UV	0.20	10 x 20	25	811112	113192
<b>ALUGRAM® aluminium sheets</b>					
Nano-SIL NH2/UV	0.15	4 x 8	50	818182	
Nano-SIL NH2/UV	0.15	20 x 20	25	818183	105533
<b>HPTLC plates with OH-modified silica layers (diol)</b>					
<b>Glass plates</b>					
Nano-SIL Diol/UV	0.20	10 x 10	25	811120	112668
Nano-SIL Diol/UV	0.20	10 x 20	25	811121	105636
<b>ALUGRAM® aluminium sheets</b>					
Nano-SIL Diol/UV	0.15	4 x 8	50	818180	

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Nano-SIL Diol/UV	0.15	20 x 20	25	818181	
<b>Aluminium oxide layers for TLC</b>					
<b>Glass plates</b>					
Alox-25	0.25	5 x 20	100	807011	
Alox-25	0.25	20 x 20	25	807013	
Alox-25/UV254	0.25	5 x 20	100	807021	105731
Alox-25/UV254	0.25	20 x 20	25	807023	105713
Alox-100/UV254	1.00*	20 x 20	15	807033	105788 (12 pcs; 1,5mm)
<b>*for preparative TLC (PLC)</b>					
<b>POLYGRAM® polyester sheets</b>					
Alox N	0.20	5 x 20	50	802012	
Alox N	0.20	20 x 20	25	802013	
Alox N/UV254	0.20	4 x 8	50	802021	
Alox N/UV254	0.20	5 x 20	50	802022	
Alox N/UV254	0.20	20 x 20	25	802023	105581
<b>ALUGRAM® aluminium sheets</b>					
Alox N	0.20	20 x 20	25	818013	
Alox N/UV254	0.20	5 x 20	50	818024	
Alox N/UV254	0.20	20 x 20	25	818023	105550
<b>TLC ready-to-use layers with unmodified, native fibrous cellulose MN 300</b>					
<b>Glass plates</b>					
CEL 300-10	0.10	5 x 20	100	808011	
CEL 300-10	0.10	10 x 20	50	808012	
CEL 300-10	0.10	20 x 20	25	808013	
CEL 300-10 UV254	0.10	5 x 20	100	808021	
CEL 300-10 UV254	0.10	10 x 20	50	808022	
CEL 300-10 UV254	0.10	20 x 20	25	808023	
CEL 300-25	0.25	10 x 20	50	808032	
CEL 300-25	0.25	20 x 20	25	808033	
CEL 300-25 UV254	0.25	10 x 20	50	808042	
CEL 300-25 UV254	0.25	20 x 20	25	808043	
CEL 300-50	0.50*	20 x 20	20	808053	
CEL 300-50 UV254	0.50*	20 x 20	20	808063	
<b>*for preparative TLC (PLC)</b>					
<b>POLYGRAM® polyester sheets</b>					
CEL 300	0.10	4 x 8	50	801011	
CEL 300	0.10	5 x 20	50	801012	

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CEL 300	0.10	20 x 20	25	801013	
CEL 300 UV254	0.10	5 x 20	50	801022	
CEL 300 UV254	0.10	20 x 20	25	801023	
<b>ALUGRAM® aluminium sheets</b>					
CEL 300	0.10	4 x 8	50	818155	
CEL 300	0.10	5 x 20	50	818154	
CEL 300	0.10	20 x 20	25	818153	105552
CEL 300 UV254	0.10	5 x 20	50	818157	
CEL 300 UV254	0.10	20 x 20	25	818156	105574
<b>TLC ready-to-use layers with unmodified, microcrystalline cellulose MN 400 (AVICEL®)</b>					
Glass plates					
CEL 400-10	0.10	10 x 20	50	808072	105730
CEL 400-10	0.10	20 x 20	25	808073	105716
CEL 400-10 UV254	0.10	10 x 20	50	808082	105728
CEL 400-10 UV254	0.10	20 x 20	25	808083	105718
<b>POLYGRAM® polyester sheets</b>					
CEL 400	0.10	5 x 20	50	801112	
CEL 400	0.10	20 x 20	25	801113	105577
CEL 400 UV254	0.10	5 x 20	50	801122	
CEL 400 UV254	0.10	20 x 20	25	801123	105565
<b>POLYGRAM® polyester sheets with cellulose ion exchangers</b>					
CEL 300 DEAE	0.10	20 x 20	25	801073	
CEL 300 DEAE	0.10	40 x 20	25	801074	
CEL 300 DEAE/HR-2/15	0.10	40 x 20	25	801084	
CEL 300 PEI	0.10	5 x 20	50	801052	
CEL 300 PEI	0.10	20 x 20	25	801053	
CEL 300 PEI	0.10	40 x 20	25	801054	
CEL 300 PEI/UV254	0.10	5 x 20	50	801062	
CEL 300 PEI/UV254	0.10	20 x 20	25	801063	105579
<b>TLC layers with acetylated cellulose</b>					
Glass plates					
CEL 300-10/AC-10 %	0.10	20 x 20	25	808113	
CEL 300-10/AC-20 %	0.10	20 x 20	25	808123	
<b>POLYGRAM® polyester sheets</b>					
CEL 300 AC-10 %	0.10	20 x 20	25	801033	
<b>POLYGRAM® polyester sheets with polyamide layers</b>					

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POLYAMIDE-6	0.10	5 x 20	50	803012
POLYAMIDE-6	0.10	20 x 20	25	803013
POLYAMIDE-6 UV254	0.10	5 x 20	50	803022
POLYAMIDE-6 UV254	0.10	20 x 20	25	803023
<b>Special TLC/HPTLC plates and sheets</b>				
<b>TLC glass plates with modified silica for enantiomer separation</b>				
CHIRALPLATE	0.25	5 x 20	50	811057
CHIRALPLATE	0.25	10 x 10	25	811059
CHIRALPLATE	0.25	10 x 20	4	811056
CHIRALPLATE	0.25	10 x 20	25	811055
CHIRALPLATE	0.25	20 x 20	25	811058
<b>TLC glass plates with high purity silica for aflatoxin separation</b>				
SIL G-25 HR	0.25	20 x 20	25	809033
SIL G-25 HR/UV254	0.25	20 x 20	25	809043
<b>TLC glass plates for separation of surfactants</b>				
SIL G-25 Tenside	0.25	20 x 20	25	810063
<b>TLC glass plates with kieselguhr</b>				
GUR N-25	0.25	20 x 20	25	810074
GUR N-25 UV254	0.25	20 x 20	25	810073
<b>HPTLC glass plates for PAH separation</b>				
Nano-SIL PAH	0.20	10 x 10	25	811050
Nano-SIL PAH	0.20	10 x 20	50	811051
<b>POLYGRAM® polyester sheets with mixed layers of silica and ion exchange resins</b>				
IONEX-25 SA-Na	0.20	20 x 20	25	806013
IONEX-25 SB-AC	0.20	20 x 20	25	806023
<b>TLC glass plates with mixed layers</b>				
Alox/CEL-AC-MIX-25	0.25	10 x 20	50	810054
Alox/CEL-AC-MIX-25	0.25	20 x 20	25	810053
SILCEL-MIX-25 UV254	0.25	20 x 20	25	810043
GURSIL-MIX-25 UV254	0.25	10 x 20	50	810076