



Screen Printing Inks

Table of Inks and Substrates

Do you need technical support? We will be glad to help you:
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Marabu

Overview Solvent Based Inks and Substrates

Mara® Flex FX Glass Ink GL Mara® Gloss GO Mara® Glow GW Libra Class LIG Libra Matt LIM Libra Print LIP Libra Speed LIS Mara® Lex LX Mara® Chrome MC Mara® Glass MGH Mara® Glass MGL Mara® Plak MML Mara® Mold MPC Mara® Switch MSW Mara® Poly P Mara® Plan PL Mara® Prop PP Mara® Pur PU Mara® Pol PY Mara® Speed SL Mara® Star SR Mara® Flor TK Mara® Sign TS Mara® Prox Y

Substrates	Mara® Flex FX	Glass Ink GL	Mara® Gloss GO	Mara® Glow GW	Libra Class LIG	Libra Matt LIM	Libra Print LIP	Libra Speed LIS	Mara® Lex LX	Mara® Chrome MC	Mara® Glass MGH	Mara® Glass MGL	Mara® Plak MML	Mara® Mold MPC	Mara® Switch MSW	Mara® Poly P	Mara® Plan PL	Mara® Prop PP	Mara® Pur PU	Mara® Pol PY	Mara® Speed SL	Mara® Star SR	Mara® Flor TK	Mara® Sign TS	Mara® Prox Y
ABS/SAN	✓			✓	✓	✓	✓	✓						✓					✓H	✓	✓				
Acrylic Glass (PMMA)			✓	✓	✓	✓	✓	✓	✓					✓								✓			
Anodised Aluminium		✓♻️									✓♻️							✓			✓♻️H			✓♻️	
Glass, Ceramics	✓♻️								✓	✓	✓♻️														
Metals	✓♻️						✓				✓♻️							✓♻️	✓♻️H						
Paper, corrugated Board			✓	✓	✓	✓	✓	✓				✓									✓	✓			
PETG, PETA			✓				(PETG)		✓					(PETG)					✓H		✓H				
Polyacetal (POM)																						✓♻️H			
Polyamide (PA)															✓			✓♻️	✓♻️H		✓♻️H				
Polycarbonate (PC)			✓	✓	✓	✓	✓	✓	✓			✓	✓									✓			
Polyester Foil, coated						✓			✓					✓								✓			
Polyethylene (PE), pre-treated															✓			✓	✓H					✓	
Polypropylene (PP), pre-treated															✓		✓	✓	✓H					✓	
Polypropylene (PP), un-treated																	✓								
Polystyrene (PS)				✓	✓	✓	✓	✓	✓					✓							✓				
PVC, self-adhesive foil			✓	✓	✓	✓	✓	✓						✓							✓	✓			
PVC, rigid	✓		✓	✓	✓	✓	✓	✓						✓	✓					✓	✓	✓			
PVC, soft			✓♻️			✓♻️	✓♻️									✓♻️									
Textiles, Cotton																						✓			
Textiles, Synthetics																						✓			
Thermosetting Plastics		✓																	✓H		✓H			✓	
Traffic Sign Foil, retro-reflective																						✓			
Varnished Surfaces		✓♻️							✓		✓♻️				✓♻️			✓♻️	✓♻️H		✓♻️H			✓♻️	
Wood			✓		✓		✓					✓						✓	✓		✓				

✓ = suitable ✓ = limited suitability ♻️ = pre-treatment with PLR ♻️ = post-treatment by flame, hot air, or oven drying H = with hardener

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Overview UV Inks and Substrates

	Ultra Pack LEDC	Ultra Graph UVAR	Ultra Board UVBR	Ultra Pack UVC	Ultra Form UVFM	Ultra Pack UVFP	Ultra Glass UVGL	Ultra Glass UVGO	Ultra Pack UVGX	Ultra Pack UVK+	Ultra Disc UVOD	Ultra Plus UVP	Ultra RoboScreen UVRS	Ultra Star UVS	Ultra RoboScreen UVSF	Ultra Star-M UVSM	Ultra Graph UVSP	Ultra Switch UVSW
Substrates																		
ABS/SAN		✓			✓							✓						
Acrylic Glass (PMMA)					✓							✓HV						
Anodised Aluminium							✓HV	✓HV				✓HV						
Glass, Ceramics							✓HV	✓HV				✓(Glass)						
Metals							✓HV	✓HV				✓HV						
Paper, corrugated Board		✓	✓		✓								✓	✓	✓	✓	✓	
PETG, PETA	✓(PETG)	✓(PETG)		✓(PETG)	✓(PETG)	✓(PETG)						✓HV					✓(PETG)	
Polyacetal (POM)																		
Polyamide (PA)				✓H		✓H												
Polycarbonate (PC)	✓	✓		✓	✓	✓					✓	✓					✓	✓
Polyester Foil, coated													✓	✓	✓			✓
Polyethylene (PE), pre-treated	✓			✓		✓			✓	✓		✓HV	✓	✓	✓	✓HV		
Polypropylene (PP), pre-treated	✓	✓		✓	✓	✓			✓	✓		✓HV	✓	✓	✓	✓HV		
Polypropylene (PP), un-treated																		
Polystyrene (PS)	✓	✓	✓	✓	✓	✓			✓			✓				✓	✓	
PVC, self-adhesive foil		✓	✓	✓	✓	✓			✓			✓	✓	✓	✓	✓		
PVC, rigid	✓	✓	✓	✓	✓	✓			✓			✓		✓		✓	✓	
PVC, soft			✓										✓	✓				
Textiles, Cotton																		
Textiles, Synthetics																		
Thermosetting Plastics																		
Traffic Sign Foil, retro-reflective																		
Varnished Surfaces							✓HV	✓HV				✓HV						
Wood																		

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Marabu

Solvent Based Inks

	Mara® Flex FX	Glass Ink GL	Mara® Gloss GO	Mara® Glow GW	Libra Gloss LIG	Libra Matt LIM	Libra Print LIP	Libra Speed LIS	Mara® Lox LX
Product Information									
Ink System	solvent, 1 C	solvent, 2 C	solvent, 1 C	solvent, 1 C	solvent, 1 C	solvent, 1 C	solvent, 1 C	solvent, 1 C	solvent, 1 C
Drying	fast	medium	medium	fast	fast	fast	fast	very fast	slow
Degree of Gloss	satin gloss	satin gloss	glossy	matt	glossy	matt	glossy	glossy	high gloss
Opacity	medium	high	high	high	medium	high	medium	medium	high
Outdoor Resistance	medium-term	-	medium-term	long-term	medium-term	medium-term	medium-term	long-term	medium-term
Special Characteristics	can be laminated	dishwasher resistant	flexible ink film, vacuum formable	low-odour, long- and short-term phosphorescent	very mild, vacuum formable	matt ink film, low-odour	very good printability, vacuum formable	vacuum formable, blocking resistant	mild, oxidative drying, good mesh opening
Basic Shades	17	14	21	3	21	17	17	21	17
4-Clr Process	-	4	-	-	4	-	4	4	-
Other	10	13	9	-	11	6	3	25	1
Specials	Metallic Mixing System, Offset Base	Transparent Shades, Etch Imitations	Fluorescent Shades	Long- and Short-Term Phosphorescents	PANTONE® Basic Shades	Block-Out Silver, Offset Base	Higher Density 4Clr. Process, Flexible White	PANTONE®, High Fade Resistant Shades	Overprint Varnish
Auxiliaries									
Thinner	UKV 1	GLV	QNV	UKV 2	LIGV, UKV 2	UKV 2	UKV 2	UKV 1, UKV 2	QNV
Thinner, mild	UKV 2	-	-	-	PSV	-	PSV	PSV	PSV
Thinner, fast	-	GLTPV	7037	-	PSV	7037	PSV	7037	PPTPV
Retarder	SV 5	SV 1	SV 1	SV 1	SV 1	SV 1	SV 5	SV 1	SV 5
Retarder, slow	SV 10	SV 9	SV 9	-	SV 9	SV 9	SV 10	SV 10	SV 1
Retarder Paste	-	-	VP	-	VP	VP	VP	VP	-
Hardener	-	GLH	-	H 1	-	-	-	-	-
Hardener, fast	-	-	-	-	-	-	-	-	-
Varnish/Bronze Binder	FX 910/903/904	GL 910-916	GO 910/902	GW 910/911	LIG 910	LIM 910	LIP 910	LIS 910/911	LX 910
Transparent Base	-	GL 409	GO 409	-	LIG 409	LIM 409	LIP 409	LIS 409	-
Thickening Agent	-	-	-	-	-	-	-	-	-
Levelling Agent	-	VM1, ES	ES	ES	ES	ES	ES	ES	ES
Cleaner	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4
Substrates									
ABS/SAN	✓			✓	✓		✓	✓	✓
Acrylic Glass (PMMA)			✓	✓	✓	✓	✓	✓	✓
Anodised Aluminium		✓💧							
Glass, Ceramics		✓🔥							
Metals		✓💧							✓
Paper, corrugated Board			✓	✓	✓	✓	✓	✓	
PETG, PETA			✓				✓ (PETG)		
Polyacetal (POM)									
Polyamide (PA)									
Polycarbonate (PC)			✓	✓	✓	✓	✓	✓	✓
Polyester Foil, coated						✓			
Polyethylene (PE), pre-treated									
Polypropylene (PP), pre-treated									
Polypropylene (PP), un-treated									
Polystyrene (PS)				✓	✓	✓	✓	✓	✓
PVC, self-adhesive foil			✓	✓	✓	✓	✓	✓	
PVC, rigid	✓		✓	✓	✓	✓	✓	✓	
PVC, soft			✓💧			✓💧	✓💧		
Textiles, Cotton									
Textiles, Synthetics									
Thermosetting Plastics		✓							
Traffic Sign Foil, retro-reflective									
Varnished Surfaces		✓💧							✓
Wood			✓		✓		✓		
Typical or additional Application	Identity Cards	Glass, for Indoor Applications	Graphic Screen Printing	Glow-in-the-dark Applications	Graphic Screen Printing	Automotive	Graphic Screen Printing	Acrylic Signs, Backlit Signage	Drum Decoration, Giveaways

✓ = suitable ✓ = limited suitability 💧 = pre-treatment with PLR 🔥 = post-treatment by flame, hot air, or oven drying

Marabu

Solvent Based Inks

	Mara® Chrome MC	Mara® Glass MGHT	Mara® Glass MGL	Mara® Plak MM	Mara® Mold MPC	Mara® Switch MSW	Mara® Poly P	Mara® Plan PL	Mara® Prop PP
Product Information									
Ink System	solvent, 1 C	solvent, 1C	solvent, 2 C	solvent, 1 C	solvent, 1C/2C	solvent, 1 C	solvent, 2 C	solvent, 1 C	solvent, 1 C
Drying	medium	fast	fast	fast	fast	fast	fast	fast	medium
Degree of Gloss	glossy	satin gloss	high gloss	matt	satin gloss	satin gloss	high gloss	satin gloss	satin gloss
Opacity	medium	high	medium	high	medium	high	high	high	medium
Outdoor Resistance	long-term	medium-term	-	medium-term	medium-term	medium-term	long-term	long-term	medium-term
Special Characteristics	mirror ink for second surface	temperature-resistant	silicone-free, dishwasher resistant	suitable for placarding	high temperature-resistant	flexible, can be embossed, mild odour	high alkaline resistance	plasticiser resistant	for un-treated PP
Basic Shades	2	2	16	14	17	17	17	13	14
4-Clr Process	-	-	-	-	-	-	-	-	-
Other	-	1	12	3	2	10	1	3	3
Specials	Silver, Mirror Gold	1-Component-System for Glass	Etch Imitations, Opaque Black, Deep Black	Opaque White	Press-ready Silver, Overprint Varnish	High-Opaque Shades	Overprint Varnish	Press-ready Silver and Gold	Opaque White, Opaque Black
Auxiliaries									
Thinner	PLR	GLV	MGLV	MMV	UKV 1	UKV 2	PV	PLV	UKV 1, QNV
Thinner, mild	-	-	-	-	-	UKV 2	-	-	-
Thinner, fast	-	-	-	-	-	-	-	7037	PPTPV
Retarder	-	-	SV 11	SV 1	SV 1	SV 5	SV 5	-	SV 1
Retarder, slow	-	SV 3	-	SV 9	SV 10	SV 10	SV 10	-	-
Retarder Paste	-	-	-	-	-	VP	-	-	-
Hardener	-	-	MGLH	-	H 1	-	H 1	-	-
Hardener, fast	-	-	-	-	-	-	-	-	-
Varnish/Bronze Binder	-	MGHT 910	MGL 910	MM 902	MPC 910	MSW 904	P 910	-	PP 902
Transparent Base	-	-	-	MM 409	-	-	-	-	PP 409
Thickening Agent	-	STM	-	-	-	-	-	-	-
Levelling Agent	-	ES	-	-	-	ES	VM 2	-	ES
Cleaner	UR 3, UR 4	UR3,UR4,UR5	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4
Substrates									
ABS/SAN						✓			
Acrylic Glass (PMMA)	✓					✓			
Anodised Aluminium			✓💧						
Glass, Ceramics	✓	✓	✓🔥						
Metals			✓💧						
Paper, corrugated Board				✓					
PETG, PETA	✓					✓ (PETG)			
Polyacetal (POM)									
Polyamide (PA)							✓		
Polycarbonate (PC)	✓				✓	✓			
Polyester Foil, coated	✓					✓			
Polyethylene (PE), pre-treated							✓		
Polypropylene (PP), pre-treated							✓		✓
Polypropylene (PP), un-treated									✓
Polystyrene (PS)						✓			
PVC, self-adhesive foil						✓			
PVC, rigid						✓	✓		
PVC, soft								✓💧	
Textiles, Cotton									
Textiles, Synthetics									
Thermosetting Plastics									
Traffic Sign Foil, retro-reflective									
Varnished Surfaces			✓💧				✓💧		
Wood				✓					
Typical or additional Application	Displays and Glass Decoration	High-temperature Application	Glass, for Indoor Applications	Serigraphs, Candles, Styrofoam	Inmould Application (second surface)	Membran Switches	Bottle Crates made of PE/PP	Soft-PVC, Tarpaulins	Folders, Binders, and Banners

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Solvent Based Inks

	Mara® Pur PU	Mara® Pol PY	Mara® Speed SL	Mara® Star SR	Mara® Flor TK	Mara® Sign TS	Mara® Poxy Y
Product Information							
Ink System	solvent, 2 C	solvent, 1C/2C	solvent, 1 C	solvent, 1C/2C	solvent, 2 C	solvent, 2 C	solvent, 2 C
Drying	medium	medium	very fast	very fast	fast	slow	fast
Degree of Gloss	high gloss	high gloss	satın gloss	high gloss	matt	high gloss	glossy
Opacity	high	high	medium	high	high	transparent	high
Outdoor Resistance	long-term	medium-term	medium-term	long-term	medium-term	long-term	-
Special Characteristics	resistant to chemicals	flexible ink film	blocking resistant, vacuum formable	resistant to petrol	high wash resistance	press-ready	high alkaline resistance
Basic Shades	21	21	21	21	17	5	12
4-Clr Process	-	-	-	-	-	-	-
Other	5	2	3	35	2	-	1
Specials	Opaque White, Varnish with UV-Absorber	Opaque White	Press-ready Silver and Gold	PANTONE®, Transparent Shades, Metallics	Opaque White	-	Overprint Varnish
Auxiliaries							
Thinner	PUV	UKV 1	UKV 1, UKV 2	UKV 1	UKV 1	-	YV, UKV 1
Thinner, mild	-	UKV 2	PSV	UKV 2	UKV 2	-	-
Thinner, fast	7037	7037	7037	7037	-	-	-
Retarder	SV 5	SV 3	SV 5	SV 5, SV 1	SV 1	-	SV 5
Retarder, slow	SV 1, SV 9	SV 9	SV 10	SV 9, SV 10	-	-	SV 3
Retarder Paste	-	-	VP	VP	-	-	-
Hardener	H 1, HT 1	H 1, HT 1	-	H 1	-	H 1	-
Hardener, fast	H 2	H 2	-	-	H 2	-	YH 9
Varnish/Bronze Binder	PU 910/911	PY 910	SL 910	SR 910/911	TK 902	TS 902	Y 910
Transparent Base	-	-	SL 409	SR 409	-	-	-
Thickening Agent	-	-	-	-	STM	-	-
Levelling Agent	ES	ES	ES	ES	-	-	VM 1
Cleaner	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4

	Mara® Pur PU	Mara® Pol PY	Mara® Speed SL	Mara® Star SR	Mara® Flor TK	Mara® Sign TS	Mara® Poxy Y
Substrates							
ABS/SAN		✓ H	✓	✓			
Acrylic Glass (PMMA)				✓			
Anodised Aluminium	✓			✓ H			✓ H
Glass, Ceramics							
Metals	✓ H	✓ H					
Paper, corrugated Board			✓	✓			
PETG, PETA		✓ H		✓ H			
Polyacetal (POM)				✓ H			
Polyamide (PA)	✓ H	✓ H		✓ H			
Polycarbonate (PC)				✓			
Polyester Foil, coated				✓			
Polyethylene (PE), pre-treated	✓	✓ H					✓
Polypropylene (PP), pre-treated	✓	✓ H					✓
Polypropylene (PP), un-treated							
Polystyrene (PS)			✓				
PVC, self-adhesive foil			✓	✓			
PVC, rigid		✓	✓	✓			
PVC, soft							
Textiles, Cotton					✓		
Textiles, Synthetics					✓		
Thermosetting Plastics		✓ H		✓ H			✓
Traffic Sign Foil, retro-reflective						✓	
Varnished Surfaces	✓ H	✓ H		✓ H			✓ H
Wood	✓	✓		✓			✓
Typical or additional Application	Metal Housings	Container Printing	Graphic Screen Printing	Container Printing	Sun Shades, Sun Blinds	Traffic Signs	Bottle Crates

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Marabu

UV Inks

	Ultra Pack LEDC	Ultra Graph UVAR	Ultra Board UVBR	Ultra Pack UVC	Ultra Form UVFM	Ultra Pack UVFP	Ultra Glass UVGL	Ultra Glass UVGO	Ultra Pack UVGX
Product Information									
Ink System	LED	UV	UV	UV	UV	UV	UV 2C	UV 2C	UV
Drying	very fast	fast	fast	very fast	slow	very fast	very fast	very fast	fast
Degree of Gloss	high gloss	glossy	satin gloss	glossy	glossy	glossy	glossy	high gloss	satin gloss
Opacity	medium	medium	medium	medium	medium	medium	medium	medium	medium
Outdoor Resistance	short-term	medium-term	medium-term	short-term	long-term	short-term	short-term	short-term	short-term
Special Characteristics	universal use	flexible	very good print definition	universal application, resistant	universal application, vacuum formable	low-migration	dishwasher resistant	dishwasher resistant	low-odour
Basic Shades	13	13	-	13	13	13	13	13	13
4-Clr Process	-	8	4	4	4	4	4	-	4
Others	8	5	4	13	5	5	16	4	4
Specials	High-Opaque Shades	Opaque White and Black	-	High-Opaque Shades, Opaque White and Black	Opaque White and Black	Opaque White and Black	Etch Imitations, High-Opaque Shades, Primers	Etch Imitations, High-Opaque Shades	Opaque White and Black
Auxiliaries									
Thinner	UVV 1	UVV 6	UVV 2	UVV 1	UVV 6	UVV 2	UVV 6	UVV 6	UVV 2/3
Thinner (more flexibility)	-	-	UVV 6	-	-	-	-	-	UVV 6
Adhesion Modifier (Metal)	-	-	-	-	-	-	-	-	-
Adhesion Modifier (Glass)	-	-	-	-	-	-	UV-HV 8	UV-HV 8	-
Adhesion Modifier (other)	-	-	-	-	-	-	-	-	-
Accelerator (depth cure)	-	UV-B 1	UV-B 1	UV-B 1	-	UV-B 3	UV-B 1	-	UV-B 1
Accelerator (surface cure)	-	-	-	-	-	-	-	-	-
Hardener	H 3	-	-	H 3	-	H 1	-	-	H 2
Varnish/Clear	LEDC 904	UVAR 904/910	UVBR 904	UVC 904/910	UVFM 904/910	UVFP 904/910	UVGL 904	UVGO 904/910	UVGX 904
Transparent Base	-	UVAR 409	UVBR 409	UVC 409	UVFM 409	UVFP 904	UVGL 409	-	UVGX 409
Thickening Agent	UV-TA 1	STM	STM	STM, UV-TA 1	-	STM, UV-TA 1	-	-	UV-TA 1
Levelling Agent	UV-VM	UV-VM	UV-VM	UV-VM	UV-VM	UV-VM	-	-	UV-VM
Cleaner	UR 3, UR 4, UV 5	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4, UV 5

	Ultra Pack LEDC	Ultra Graph UVAR	Ultra Board UVBR	Ultra Pack UVC	Ultra Form UVFM	Ultra Pack UVFP	Ultra Glass UVGL	Ultra Glass UVGO	Ultra Pack UVGX
Substrates									
ABS/SAN		✓			✓				
Acrylic Glass (PMMA)					✓				
Anodised Aluminium							✓ 🔥 HV	✓ 🔥 HV	
Glass, Ceramics							✓ HV	✓ HV 🔥	
Metals							✓ 🔥 HV	✓ 🔥 HV	
Paper, corrugated Cardboard		✓	✓		✓				
PETG, PETA	✓ (PETG)	✓ (PETG)		✓ (PETG)	✓ (PETG)	✓ (PETG)			
Polyacetal (POM)									
Polyamide (PA)				✓ H		✓ H			
Polycarbonate (PC)	✓	✓		✓	✓	✓			
Polyester Foil, coated									
Polyethylene (PE), pre-treated	✓			✓		✓			✓
Polypropylene (PP), pre-treated	✓	✓		✓	✓	✓			✓
Polypropylene (PP), un-treated									
Polystyrene (PS)	✓	✓	✓	✓	✓	✓			✓
PVC, self-adhesive foil		✓	✓	✓	✓				✓
PVC, rigid	✓	✓	✓	✓	✓	✓			✓
PVC, soft			✓						
Textiles, Cotton									
Textiles, Synthetics									
Thermosetting Plastics									
Traffic Sign Foil, retro-reflective									
Varnished Surfaces							✓ 🔥 HV	✓ 🔥 HV	
Wood									
Typical or additional Application	Container Printing, Label Printing (flatbed)	Graphic Screen Printing	Graphic Screen Printing	Container Printing, Label Printing (flatbed)	Vacuum formed parts, Backlit Signage	Container Printing	Packaging, Restaurant, and Flat Glass	Packaging, Restaurant, and Flat Glass	Graphic Screen Printing

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Marabu

UV Inks

	Ultra Pack UVK+	Ultra Disc UVOD	Ultra Plus UVP	Ultra RotaScreen UVRS	Ultra Star UVS	Ultra RotaScreen UVSF	Ultra Star-M UVSM	Ultra Graph UVSP	Ultra Switch UVSW
Product Information									
Ink System	UV	UV	UV	UV	UV	UV	UV	UV	UV
Drying	very fast	very fast	fast	very fast	fast	fast	fast	fast	fast
Degree of Gloss	high gloss	high gloss	high gloss	high gloss	high gloss	high gloss	matt	high gloss	glossy
Opacity	medium	medium	medium	medium	medium	medium	medium	medium	medium
Outdoor Resistance	short-term	short-term	medium-term	short-term	long-term	short-term	medium-term	medium-term	medium-term
Special Characteristics	resistant to water and steam	optimized rheology	chemically resistant	for rotary screen printing	universal use	silicone-free, for rotary screen printing	matt surface	very good print definition	flexible, can be embossed
Basic Shades	13	13	13	13	13	2	13	13	13
4-Clr Process	-	8	-	-	-	-	-	4	-
Others	3	16	3	6	3	6	4	5	5
Specials	Opaque White and Black	Fluorescent Shades	Opaque White and Black	Opaque White, Relief Varnish	Opaque White and Black	Low-Migration Opaque White	Opaque Black	Opaque White and Black	Window Varnishes
Auxiliaries									
Thinner	UVV 3	UVV 1/2	UVV 2	UVV 5	UVV 2	UVV 5*	UVV 2	UVV 1/2	UVV 6
Thinner (more flexibility)	-	-	-	UVV 6	-	UVV 6*	-	-	-
Adhesion Modifier (Metal)	-	-	UV-HV 1/4	-	-	-	-	-	-
Adhesion Modifier (Glass)	-	-	UV-HV 7	-	-	-	-	-	-
Adhesion Modifier (other)	-	-	-	-	UV-HV 1/2/4	-	UV-HV 1/4	-	-
Accelerator (depth cure)	UV-B 1	-	UV-B 1	-	UV-B 1	-	UV-B 1	UV-B 1	UV-B 1
Accelerator (surface cure)	-	-	-	-	UV-B 2	-	UV-B 2	-	-
Hardener	H 3	-	-	-	-	-	-	-	-
Varnish/Clear	UVK+ 904/910	UVOD 904/912/914	UVP 904	UVRS 910/904	UVS 904	UVSF 910/904	UVSM 904	UVSP 904/910	UVSW 904
Transparent Base	UVK+ 904	UVOD 409	UVP 409	-	UVS 409	-	UVSM 409	UVSP 409	-
Thickening Agent	STM	STM	STM	STM	STM	STM	STM	STM	-
Levelling Agent	UV-VM	UV-VM	UV-VM	UV-VM	UV-VM	-	UV-VM	UV-VM	-
Cleaner	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4	UR 3, UR 4

	Ultra Pack UVK+	Ultra Disc UVOD	Ultra Plus UVP	Ultra RotaScreen UVRS	Ultra Star UVS	Ultra RotaScreen UVSF	Ultra Star-M UVSM	Ultra Graph UVSP	Ultra Switch UVSW
Substrates									
ABS/SAN			✓						
Acrylic Glass (PMMA)			✓ HV						
Anodised Aluminium			✓ HV						
Glass, Ceramics			✓ (Glass)						
Metals			✓ HV						
Paper, corrugated Cardboard				✓	✓	✓	✓	✓	
PETG, PETA			✓ HV					✓ (PETG)	
Polyacetal (POM)									
Polyamide (PA)									
Polycarbonate (PC)		✓	✓				✓	✓	✓
Polyester Foil, coated				✓	✓	✓			✓
Polyethylene (PE), pre-treated	✓		✓ HV	✓	✓	✓	✓ HV		
Polypropylene (PP), pre-treated	✓		✓ HV	✓	✓	✓	✓ HV		
Polypropylene (PP), un-treated									
Polystyrene (PS)			✓				✓	✓	
PVC, self-adhesive foil			✓	✓	✓	✓	✓	✓	
PVC, rigid			✓		✓		✓	✓	
PVC, soft					✓	✓			
Textiles, Cotton									
Textiles, Synthetics									
Thermosetting Plastics									
Traffic Sign Foil, retro-reflective									
Varnished Surfaces			✓ HV						
Wood									
Typical or additional Application	Container Printing, Cartridges	All Optical Disc Formats	Industrial Screen Printing	Label Printing	Graphic Screen Printing	Label Printing	Graphic Screen Printing	Graphic Screen Printing	Membran Switches

✓ = suitable ✓ = limited suitability 💧 = pre-treatment with PLR HV = adhesion modifier *not suitable for UVSF 174