



Marabu

PAD PRINTING INKS

Table of Inks and Substrates

Pad Printing Inks

Product Information

Tampa® Cure  TPC

Tampa® Glass TPGL

Tampa® Plus TPL

Tampa® Star TPR

Tampa® Sport TPSP

	Tampa® Cure TPC	Tampa® Glass TPGL	Tampa® Plus TPL	Tampa® Star TPR	Tampa® Sport TPSP
Ink System	UV, 1C/2C	solvent, 2C	solvent, 1C/2C	solvent, 1C/2C	solvent, 2C
Drying	fast	fast	very fast	very fast	fast
Degree of Gloss	high gloss	glossy	glossy	glossy	glossy
Opacity	high	high	high	high	high
Special Characteristics	resistant to chemicals	dishwasher resistant	free of aromatic solvents, resistant to alcohol and petrol	universally applicable, resistant to petrol	very flexible
Basic Shades	17	17	17	17	17
4-Clr Process	-	4	4	4	-
Others	3	13	10	10	3
Specials	Opaque White and Black	High-Opaque Shades, Press-ready Metallics, Etch Imitations	Press-ready Metallics, High-Opaque Shades, High-Gloss White	Press-ready Metallics, High-Opaque Shades, Opaque White	Press-ready Silver, Opaque White
Auxiliaries					
Thinner	TPV/TPV 7	TPGLV/TPV/TPV 6/UKV 1	TPV/TPLV	TPV/TPV 6/TPV 7	TPV/TPV 7
Thinner, Fast	TPV 2	PPTPV	TPV 2	TPV 2	TPV 2/TPV 9
Thinner, Slow	-	TPV 3	TPV 3*/TPV 8	TPV 3	TPV 3/TPV 8
Retarder	-	SV 3/SV 9	SV 11	SV 1	GLV
Retarder Paste	-	-	VP*	VP	-
Accelerator	UV-B 1	-	-	-	-
Hardener Adhesion Modifier	H 1/H 2/H 4/UV-HV 1/HX	MGLH	H 1*/H 2/H 4/HX	H 1/H 2/H 4/HT 1/HX	H 2/H 4/TP-HV 1
Varnish/Bronze Binder	TPC 910	TPGL 910	TPL 910	TPR 910	TPSP 910
Transparent Base	-	-	-	TPR 409	-
Antistatic Paste	-	-	-	AP	-
Matting Powder	MP	MP	MP	MP	-
Opauing Paste	OP 170	-	-	OP 170	-
Levelling Agent	ES	ES	-	ES	-
Surface Additive	SA 1	SA 1	SA 1	SA 1	SA 1
Anti-Rust Additive	-	-	-	-	-
Cleaner	UR 3/4/5	UR 5	UR 4/5	UR 3/4/5	UR 5
Substrates					
ABS/SAN	✓		✓	✓	
Acrylic Glass (PMMA)	✓		✓	✓	
Anodised Aluminium		✓💧	✓H	✓H	
EVA/Boost					✓
Glass, Ceramics		✓			
Metals	✓H/HV	✓💧			
Paper, Corrugated Board			✓	✓	
PETG, PETA					
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, Rigid	✓		✓	✓	
PVC, Soft			✓	✓	
Textiles, Cotton					✓
Textiles, Synthetics					✓
Thermoplastic Elastomers (TPE)					
Thermosetting Plastics		✓	✓H	✓H	
Varnished Surfaces	✓H	✓💧	✓H	✓H	
Wood			✓	✓	
Typical or Additional Application	Audio and Electronic Products, Technical Markings	Glass for Indoor Applications	Toys, Promotional Items, Office Products	Sporting Goods, Promotional, Office and Medical Products	Sports Wear, Sports Shoes

✓ = suitable ✓ = limited suitability 💧 = pre-treatment with PLR 🔥 = post-treatment by flame, hot air, or oven drying H = with hardener HV = adhesion modifier
 *not suitable for sensitive applications

Pad Printing Inks

Product Information


Tampa® Tech
TPT

Tampa® Pur
TPU

Tampa® Tex
TPX

Tampa® Pol
TPY

Maqua® Pad
MAP 

	Tampa® Tech TPT	Tampa® Pur TPU	Tampa® Tex TPX	Tampa® Pol TPY	Maqua® Pad MAP 
Ink System	solvent, 2C	solvent, 2C	solvent, 2C	solvent, 1C/2C	WB, 1C/2C
Drying	fast	fast	medium	fast	medium
Degree of Gloss	high gloss	high gloss	glossy	glossy	satin gloss
Opacity	high	high	high	high	medium
Special Characteristics	resistant to chemicals, long pot life	resistant to chemicals	wash resistant, certified according to ECO PASSPORT by OEKO-TEX®	resistant to chemicals	water-based, long pot life
Basic Shades	17	17	17	17	17
4-Clr Process	-	4	-	4	-
Others	8	9	4	8	3
Specials	Press-ready Metallics, High-Opaque Shades	Press-ready Metallics, High-Opaque Shades	Press-ready Silver, Overprint Varnish	Press-ready Metallics, High-Opaque Shades	Opaque White, Opaque Black, Overprint Varnish
Auxiliaries					
Thinner	TPV/TPV 7	TPV/TPV 7	TPV/TPV 7	TPV/TPV 6/TPV 7	-
Thinner, Fast	TPV 2	TPV 2	TPV 2/TPV 9	TPV 2	-
Thinner, Slow	TPV 3	TPV 3	TPV 8/TPV 3*	TPV 3	-
Retarder	SV 1	SV 1	SV 12/GLV/SV 1*	SV 1	WV 1
Retarder Paste	VP	VP	-	VP	-
Accelerator	-	-	-	-	-
Hardener Adhesion Modifier	H 2/HT 1	H 1/H 2/H 4/HT 1/HX	HX/H 2/H 4	H 1/H 2/H 4/HT 1/HX	HW 1 (Textiles)
Varnish/Bronze Binder	TPT 910	TPU 910	TPX 910	TPY 910	MAP 910
Transparent Base	-	TPU 409	-	-	-
Antistatic Paste	AP	AP	-	AP	-
Matting Powder	MP	MP	-	MP	-
Opaquing Paste	OP 170	OP 170	-	OP 170	-
Levelling Agent	ES	UV-VM	-	ES	-
Surface Additive	SA 1	SA 1	SA 1	SA 1	-
Anti-Rust Additive	-	-	-	-	AR
Cleaner	UR 4/5	UR 3/4/5	UR 5	UR 3/4/5	WR 1, UR 3, PLR
Substrates					
ABS/SAN	✓		✓	✓	✓
Acrylic Glass (PMMA)			✓ 💧		
Anodised Aluminium	✓	✓	✓ 💧		
EVA/Boost					
Glass, Ceramics	✓	✓	✓		
Metals	✓	✓	✓	✓ H	
Paper, Corrugated Board			✓	✓	
PETG, PETA			✓		
Polyacetal (POM)	✓ 🔥	✓ 🔥			
Polyamide (PA)	✓	✓	✓ 💧	✓ H 🔥	
Polycarbonate (PC)			✓		✓
Polyester Foil, Coated			✓		
Polyethylene (PE), Pre-Treated	✓	✓	✓	✓ H	
Polypropylene (PP), Pre-Treated	✓	✓	✓	✓ H	✓
Polypropylene (PP), Un-Treated					
Polystyrene (PS)			✓		✓
PVC, Rigid			✓	✓	✓
PVC, Soft			✓		
Textiles, Cotton		✓	✓		✓ H
Textiles, Synthetics		✓	✓		✓ H
Thermoplastic Elastomers (TPE)			✓ 💧		
Thermosetting Plastics	✓	✓		✓ H	
Varnished Surfaces	✓	✓	✓	✓ H	✓ 💧
Wood	✓	✓	✓	✓	✓
Typical or Additional Application	Promotional Items, Office Products, Glass	Sporting Goods, Medical Products	Textiles, Toys, Baby Products	Audio and Electronic Products, Automotive	Toys, Baby Products and other sensitive applications like textiles "Tagless"

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Pad Printing Inks

Product Information

Mara® Tech
MGO

Mara® Prop
PP

	Mara® Tech MGO	Mara® Prop PP
Ink System	solvent, 1C	solvent, 1C
Drying	fast	fast
Degree of Gloss	high gloss	satin gloss
Opacity	high	medium
Special Characteristics	screen and pad printing ink, resistant to chemicals	screen and pad printing ink, very elastic
Basic Shades	17	14
4-Clr Process	-	-
Others	7	3
Specials	High-Opaque Shades, Overprint Varnish	Opaque White, Opaque Black, Bronze Binder
Auxiliaries		
Thinner	TPV/UKV 1*	PPTPV/UKV 1
Thinner, Fast	TPV 2/TPV 9	-
Thinner, Slow	GLV	-
Retarder	SV 3*/SV 12	SV 1
Retarder Paste	-	-
Accelerator	-	-
Hardener Adhesion Modifier	-	-
Varnish/Bronze Binder	MGO 910	PP 902
Transparent Base	-	-
Antistatic Paste	-	AP
Matting Powder	-	MP
Opaquing Paste	-	-
Levelling Agent	ES	ES
Surface Additive	-	-
Anti-Rust Additive	-	-
Cleaner	UR 4/5	UR 3/4/5
Substrates		
ABS/SAN		
Acrylic Glass (PMMA)		
Anodised Aluminium	✓💧🔥	
EVA/Boost		
Glass, Ceramics	✓🔥	
Metals	✓💧🔥	
Paper, Corrugated Board		
PETG, PETA		
Polyacetal (POM)		
Polyamide (PA)		
Polycarbonate (PC)		
Polyester Foil, Coated		
Polyethylene (PE), Pre-Treated		
Polypropylene (PP), Pre-Treated		✓
Polypropylene (PP), Un-Treated		✓
Polystyrene (PS)		
PVC, Rigid		
PVC, Soft		
Textiles, Cotton		
Textiles, Synthetics		
Thermoplastic Elastomers (TPE)		
Thermosetting Plastics		
Varnished Surfaces	✓💧🔥	
Wood		
Typical or Additional Application	Perfume Bottles, Front Panels (metal), Touch Panels (glass)	Medical Products, Packaging

Do you need
technical support?

We will be glad to help you:
Phone: +49(0) 7141-691-140
technical.hotline@marabu.com
www.marabu-inks.com

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