



Marabu

PAD PRINTING INKS

Table of Inks and Substrates



AMTEC

Distributed by:
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Pad Printing Inks

Product Information

Tampa® Cure
TPC



Tampa® Glass
TPGL

Tampa® RotaSpeed
TPHF

Tampa® Plus
TPL

Tampa® Star
TPR

Tampa® Sport
TPSP

	Tampa® Cure TPC	Tampa® Glass TPGL	Tampa® RotaSpeed TPHF	Tampa® Plus TPL	Tampa® Star TPR	Tampa® Sport TPSP
Ink System	UV, 1C/2C	solvent, 2C	solvent, 1C/2C	solvent, 1C/2C	solvent, 1C/2C	solvent, 2C
Drying	fast	fast	very fast	very fast	very fast	fast
Degree of Gloss	high gloss	glossy	glossy	glossy	glossy	glossy
Opacity	high	high	high	high	high	high
Special Characteristics	resistant to chemicals	dishwasher resistant	halogen-free, waterproof, for rotary pad printing	free of aromatic solvents, resistant to alcohol and petrol	universally applicable, resistant to petrol	very flexible
Basic Shades	17	17	17	17	17	17
4-Clr Process	-	4	-	4	4	-
Others	3	10	2	10	10	3
Specials	Opaque White and Black	High-opaque Shades, Press-ready Silver, Etch Imitations	Press-ready Silver	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	TPV	TPV/TPV 7	TPV/TPV 7
Thinner, Fast	TPV 2	PPTPV	TPV 2	TPV 2	TPV 2	TPV 2/TPV 9
Thinner, Slow	-	TPV 3	TPV 3/TPV 8	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	MGLH	H 2/H 4	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	TPHF 910	TPL 910	TPR 910	TPSP 910
Transparent Base	-	-	-	-	TPR 409	-
Antistatic Paste	-	AP	-	-	AP	-
Matting Powder	MP	MP	MP	MP	MP	-
Opaquing Paste	OP 170	-	-	-	OP 170	-
Levelling Agent	ES	ES	-	-	ES	-
Surface Additive	SA 1	SA 1	SA 1	SA 1	SA 1	SA 1
Cleaner	UR 3/4/5	UR 5	UR 4/5	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	✓💧				
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	Closures	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

Mara® Tech
MGO

Mara® Prop
PP

Ink System	solvent, 2C	solvent, 2C	solvent, 2C	solvent, 1C/2C	solvent, 1C	solvent, 1C
Drying	fast	fast	medium	fast	fast	fast
Degree of Gloss	high gloss	high gloss	satin gloss	glossy	high gloss	satin gloss
Opacity	high	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	screen and pad printing ink, resistant to chemicals	screen and pad printing ink, very elastic
Basic Shades	17	17	17	17	17	14
4-Clr Process	-	4	4	4	-	-
Others	8	9	4	8	7	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	High-Opaque Shades, Overprint Varnish	Opaque White, Bronze Binder
Auxiliaries						
Thinner	TPV/TPV 7	TPV/TPV 7	TPV/TPV 7	TPV/TPV 7	TPV/UKV 1*	PPTPV/UKV 1
Thinner, Fast	TPV 2	TPV 2	TPV 2/TPV 9	TPV 2	TPV 2/TPV 9	-
Thinner, Slow	TPV 3	TPV 3	TPV 8/TPV 3*	TPV 3	GLV	QNV
Retarder	SV 1	SV 1	SV 12/GLV/SV 1*	SV 1	SV 3*	SV 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	-	-
Varnish/Bronze Binder	TPT 910	TPU 910	TPX 910	TPY 910	MGO 910	PP 902
Transparent Base	-	TPU 409	-	-	-	-
Antistatic Paste	AP	AP	-	AP	-	AP
Matting Powder	MP	MP	-	MP	-	MP
Opaquing Paste	OP 170	OP 170	-	OP 170	-	-
Levelling Agent	ES	ES	-	ES	ES	ES
Surface Additive	SA 1	SA 1	SA 1	SA 1	-	SA 1
Cleaner	UR 4/5	UR 3/4/5	UR 5	UR 3/4/5	UR 4/5	UR 3/4/5

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		✓	✓			
Textiles, Synthetics		✓	✓			
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	Perfume Bottles, Front Panels (metal), Touch Panels (glass)	Medical Products, Packaging

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

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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