

PRODUCT DATA SHEET

SUITABILITY CHART: SOLVENT BASED SCREEN INKS - SUBSTRATES

Substrate	1-component											1- and 2-comp.				2-comp.						
	A	CP	CX	HG	J	LAB-N	PF	PK/PK-12	PP	RF/K	TL	XL	TZ	YN	ZE 1690	Z/PVC	TP 253/L	Z	Z/DD	Z/GL	ZM	ZMN
	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3
	⊗					1							10:1	10:1	10:1	10:1	10:1	4:1	3:1	20:1	8:1	4:1 Hardener Addition
Paper, Cardboard, Carton		●	●	●		●				●												
Plasticized PVC		●	●	●	●		●		●	●	●					●						
Rigid PVC	●	●	●	●	●		●		●	●	●		●			●						
Polystyrene		●	●	●	○		●		●	●	●		●									
ABS, SAN		●		●			●				●		●			●				●	●	
Polycarbonate (PC)		●	●	●	●		●		●	●	●		●			●	●			●	●	
Acrylic Glass (PMMA)	●	●	●	●	●		●		●	●	●		●			●				●	●	
Polyester Foil (with ink adhesion primer) for membrane switch overlays				●	●					○												
Polyester (PET)*					○	○	●						●				●	●				
PET-G**		○		○							●											
Polyamide (PA) (flame pre-treatment recommended)							●					●	●				●					●
Polypropylene (PP) pre-treated							●		●				●			●				●	●	
Polyethylene (PE) pre-treated							●						●			●				●	●	
Polypropylene (PP) (without pre-treatment)									●													
Polyacetal (POM) (post-treatment by flame required)													●				●			●		○
Polyurethane (PUR)*				○	○							●		●								
Silicone Rubber																●						
TPE/TPU*, Rubber, Artificial Leather**												●		●								
Duroplastics	●				●								●				●	●	●			
Textiles*, Leather*												●		●								
Metals	○				●								●				●	●	●	●	●	●
Coated Surfaces*	●		●	●	●	●										●	●					●
Glass																				●		
Wood	●											●										

This information is no guarantee for the suitability of screen printing inks for certain substrates but is intended to help the user to choose suitable ink types. Pre-tests are always necessary. This information is based on our present experiences (SEPTEMBER 2012, Version 1).

* material is available in many quite different types
 ** material may be very sensitive to tension cracks

● preferred for the application
 ● suitable
 ○ may be suitable

1 1-component
 2 1- and 2-component
 3 2-component
 1 Oven curing 140 °C/20 min.
 2 Oven curing 160 °C/20 min.
 ⊗ Oxidative drying