Product Data Sheet

SunChemical®
Coates Screen Inks

Solvent-Based Screen Printing Inks

Ink Ranges

Ink Type	A	CP	CX	HG	J	LAB-N 331213	PF	PK/PK-Jet	PP	TL (Flourescent Ink)	XL	TZ	YN	ZE 1690	Z/PVC	TP 253/L	Z	Z/DD	Z/GL ✔	ZGM	ZM ✔	ZMN
Addition of Hardener											10:1	10:1	10:1	10:1	10:1	4:1	3:1	20:1	4:1 / 10:1	8:1	4:1	
Drying	⊗	▲	▲	▲	▲	1	▲	▲	▲	▲	▲	▲	▲	▲	2	▲	▲	▲	▲	▲	▲	
PVC plasticized		●	●	●	●			●		●	●				●							
PVC rigid	●	●	●	●	●			●		●	●		●		●							
Polystyrene (PS)		●	●	●	○			●			●		●									
ABS, SAN		●		●				●			●		●		●		●			●	●	●
Polycarbonate (PC)		●	●	●	●			●		●	●		●		●		●			●	●	●
Acrylic glass (PMMA)	●	●	●	●	●			●		●	●		●		●		●			●	●	●
Polyester film For membrane switch overlays				●	●				○													
Polyester (PET)					○	○	●					●				●	●		●			
PET-G		○		○						●												
Polyamide (PA) Pre-treatment recommended							●				②	②				●			●		●	
with pre-treatment Polypropylene (PP) Polyethylen (PE)							●		●			②		②		●	●		●	●	●	
without pre-treatment Polypropylen (PP)									●													
Polyacetal (POM)												②				●			●	●	○	
Polyurethane (PUR)				○	○						②		②						●			
Silikon rubber															●							
TPE/TPU, Rubber, Synthetic leather											②		②									
Leather, Textiles											②		②									
Duroplastics	●					●						②				●	●	●	●			
Glass																		●	●			
Metals	○					●						②				●	●	●	●	●	●	
Coated Surfaces	●			●	●	●	●								●	●			●		●	
Wood	●											●										
Paper, Paperboard, Cardboard		●	●	●			●		●													

● = preferred for the application
② = processing with hardener required
● = suitable for the application
② = processing with hardener required
○ = potentially suitable

The information given above is no guarantee for the suitability of screen printing inks for individual substrates.
The intention of this chart is to help printers choose suitable screen printing inks. Pre-tests are always essential.
This information is based on our present experiences 06/2019

✔ = **Does not contain:** aromatics, cyclohexanone, butyl glycolate, PAH, Solvent Naphtha
□ = 1 - component ink
◪ = processing as 1 - and 2 - component ink
◉ = 2 - component ink
▲ = air-drying
1 = oven-curing at 140°C/20 Min
2 = oven-curing at 160°C/20 Min
⊗ = Drying by oxidation

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