

SUITABILITY CHART UV-CURING SCREEN PRINTING INKS / SUBSTRATES



	UVU	UVX2	UVN	UVPO	UVE	MTR	UVP	UV-650018	80UV	UV/K	UVGS	SVC	
	1	1	1	1	2 5%	1	1	1	2 5%	2 5%	2 5%	3 5%	Hardener addition
Paper, Cardboard, Carton	●	●	●	●	●								
Plasticized PVC	●	●	●	●	●	●	●	●					
PVC Coated Fabrics			●										
Rigid PVC	●	●	●	●	●	●	○	○					
Polystyrene (PS)	●			●	●	●	●	●					
ABS, SAN	●			●	●	○		●					
Polycarbonate (PC)	●			●	●	○		●					
PMMA (Acrylic Glass)	○			○	●								
Polyester foil (with adhesion promoter) for membrane switch overlays													
PET-G*	●			●	●								
Polyolefin													
Roll-Label													
PE coated		○	●				●	●					
PP coated		○	●				●	●					
Sheets/Boards													
PP corona-treated				●									
Containers/Packaging													
PE flame treated (Corona)								●					
PP flame treated (Corona)								●					
Duroplastics										●			
Metals										●			
Coated Surfaces**				●						●			
Glass													
Glass Sheets										●	●		
Glass Containers										●	●		

* material may be very sensitive to tension cracks

** various types

● preferred for the application
● suitable
○ may be suitable

1 One component
2 Alternatively with hardener
3 Two component

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 (August 2015).