

Screen Printing Ink Recommendations Cast, Reflective, Calendered and Specialty Products

Instructional Bulletin #3.00 (Revision 15)

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1.0 Scope

The following is a recommended list of approved screen printable inks for Avery Dennison products. This list does not constitute a warranty and should not be used as such. This list serves to provide screen printers knowledge regarding ink systems that have been successfully used. Pre-testing each specific application is recommended to determine the suitability of the ink and substrate combination. For recommendations on processing these ink systems or for applications other than flat surfaces please contact Avery Dennison's technical support or the ink vendor. NOTE: In order to eliminate liner curl, Avery Dennison screen printable products are designed with 90# StaFlat™ or film liners.

2.0 Cast Film Recommended Ink Cross Reference Chart

INK	SC 900 Opaques Only	SC 900 Clear	SC 900 Metallics	*SC 900 Block-Out Film
<i>Fujifilm</i> TMI II Ink	X	X	X	
<i>Fujifilm</i> UTMI II Clearcoat	X	X	X	
<i>Fujifilm</i> TMI II 1000 Clearcoat	X	X	X	
<i>Fujifilm</i> Duracal UV Ink & Clear	X			X
Nazdar** 3500 & 3529 Clear	X			X

NOTES: * UC 900 Blockout Film Series must be sheeted for screen printing by Avery Dennison or purchased on 6 inch cores.

** 3500 series inks and corresponding durabilities are provided in the Nazdar Instructional Bulletin available from Nazdar.

3.0 Reflective Film Recommended Ink Cross Reference Chart

INK	HV 1200	HV 1100 Prismatic	HV 1100	V-8000
Coates J. Series		X		
Nazdar 3200 UV Point of Sale				
Nazdar 3500 UV Vinex/3529 clear coat	X		X	
Nazdar 3600 UV Decal				
Nazdar 9700 All Purpose Ink		X	X	
Nazdar System 2		X		X
<i>Nazdar UVTS</i>				X
<i>Fujifilm</i> TMI II ink with TMI 1000 Clearcoat	X	X		
<i>Fujifilm</i> TMI II ink with UTMI II Clearcoat	X			
<i>Fujifilm</i> Duracal UV series		X	X	
<i>Fujifilm Amplifi LFI</i>		X		
<i>Fujifilm UVRP</i>		X	X	

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4.0 Calendered Film Recommended Ink Cross Reference Chart

INK	PC 500-103 Clear	HP 700 Series SG	HP 700 Series matte	PC 500 Series
Coates HG Series	X	X		
Coates J Series	X	X		
Coates UV/N	X			
Nazdar 3500 FG inks w/3528 overprint clear		X	X	
Nazdar System 2				
Nazdar 3600 UV				X
<i>Fujifilm TMI II</i>	X	X	X	X
<i>Fujifilm Duracal UV Ink</i>		X	X	
<i>Fujifilm Amplifi LFI</i>				X
<i>Fujifilm Plactical EL</i>				X

5.0 Polyester Film Recommended Ink Cross Reference Chart

INK	SF 100 Polyesters
Coates: HG, CP, J, UV/N	X
<i>Fujifilm Ink: TMI II</i>	X

6.0 Other Film Products

INK	UC 900 Ultra Destructible	PC 500 Transit Vinyl	MPI 2077	MPI 2121 Transit <i>MPI 2921 Transit</i>
<i>Fujifilm TMI II</i>		X	X	X
Nazdar 3500	X	X		X

Revisions have been italicized.