

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

Instructional Bulletin #3.00 (Revision 17)

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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	SC900 Opaques Only	SC900 Clear	SC900 Metallics	*SC900 Block-Out Film
Fujifilm TMI II Ink	X	X	X	
Fujifilm UTMI II Clearcoat	X	X	X	
Fujifilm TMI II 1000 Clearcoat	X	X	X	
Fujifilm Duracal UV Ink & Clear	X			X
Nazdar** 3500 & 3529 or 3539 Clear	X			X

\* SC900 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	V4000	V2000	V8000
Nazdar** 3500 & 3529 or 3539 Clear	X		
Nazdar System 2			X
Avery Dennison UVTS			X
Avery Dennison 4930		X	

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

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Graphics Solutions

www.graphics.averydennison.com  
Customer Service: 800-282-8379

#### 4.0 Calendered Film Recommended Ink Cross Reference Chart

INK	PC500-103 Clear	HP700 Series SG	HP700 Series matte	PC500 Series
Coates HG Series	X	X		
Coates J Series	X	X		
Coates UV/N	X			
Nazdar 3500 FG inks w/3529 overprint clear		X	X	
Nazdar System 2				
Nazdar 3600 UV				X
Fujifilm TMI II	X	X	X	X
Fujifilm Duracal UV Ink		X	X	
Fujifilm Amplifi LFI				X
Fujifilm Plactical EL				X

#### 5.0 Polyester Film Recommended Ink Cross Reference Chart

INK	SF100 Polyesters
Coates: HG, CP, J, UV/N	X
Fujifilm Ink: TMI II	X

#### 6.0 Other Film Products

INK	UC900 Ultra Destructible	PC500 Transit Vinyl	MPI2077	MPI2121 Transit MPI2921 Transit
Fujifilm TMI II		X	X	X
Nazdar 3500	X	X		X

Revisions have been italicized.