NAZDAR Ink Technologies — UV Screen Inks Reference Chart

		POP Inks				Decal
		1600	1800	4000	2600	3500
ABS		X	X	X	X	
Acylic				X	X	
Cardstock		X	X	X	X	
Cardstock - Uncoated		M	M			
Cardstock - Polycoated		C	X	X	X	
Corrugated Board		M	M			
Corrugated Plastics		C	X	X	X	
Foamcore		X	X	X	X	
Metal - Acrylic Coated		C	C	C	C	
Metal - Enamel Coated		C	C	C	C	
Paper - Coated		X	X	X	X	
Paper - Uncoated		M	M			
PET						
PETG		X	X	X	X	
Polycarbonate		X	X	X	X	X
Polycarbonate (w/adhesive)						
Polyester (print treated)		X				X
Polyester (top coated)			X	X	X	C
Polyethylene HD (treated)			X	X	X	
Polyethylene LD (treated) Container		C				
Polyethylene Banner (treated)		C	X	X	X	
Polypropylene (treated)		C	X	X	X	
Polystyrene		X	X	X	X	
PVC/Sintra®/Celtec		X	X	X	X	
Static Cling		S				
Tyvek®		M		X	X	
Vinyl - Banner		S		X	S	
Vinyl - Decal		X	X	S	S	X
Vinyl - Rigid		X	X	S	S	X

PowerPrint® 1600
- Indoor/Outdoor - 2 year
- Multi-Purpose POP Applications
- High Speed, Low UV output
- Hard ink surface, Low Odor
- High Block Resistance

PowerPrint® Plus 1800
- Indoor/Outdoor – 2 year
- Wide Range of Substrates
- Corrugated Plastics
- High Speed, Low UV output
- High Block Resistance

4000 Series
- Indoor/Outdoor – 2 year
- Excellent Acrylic Adhesion
- Heat Bend Applications
- Suitable For Vacuum Forming
- Wide Substrate Range Adhesion

2600 Series
- UV Cure
- Indoor/Outdoor – 2 year
- Point of sale/point of purchase graphic applications on a wide range of substrates

3500 Durable Graphic
- Indoor/Outdoor Fleet Graphics
- Premium Vinyl Film Applications
- Superior Flexibility & Elongation
- Excellent Weatherability & Chemical Resistance Suitable for
- Thermal Die-Cutting & Premasks

2400 UV/LED Membrane Overlay
- For 2nd Surface Printing
- Indoor/Short Term Outdoor

3400 UV Nameplate
- Indoor/Outdoor
- Nameplate / Membrane Overlays
- Compatible w/Acrylic Laminating Adhesives
- 1st & 2nd Surface Printing
- Excellent Opacity & Flexibility

NSC UV Clears
- Textured Clears
- Window Clears
- Lens Clears

2300 UV/LED Container
- Indoor Container & Industrial
- Glass & Plastics
- 1st & 2nd Surface Printing
- UV & UV/LED Curing

4300 UV Container
- Indoor Container
- HDPE and other plastics
- High Chemical & Water Resistance
- Fast Curing

	Nameplate			Container	
	2400	3400	NSC	2300	4300
ABS					
Acylic					
Cardstock					
Cardboard					
Cardstock - Uncoated					
Cardstock - Polycoated					
Corrugated Board					
Corrugated Plastics (treated)					
Foamcore					
Glass				C	
Metal - Acrylic Coated					
Metal - Enamel Coated					
Paper - Coated					
Paper - Uncoated					
PET				X	S
PETG				X	X
Polycarbonate	X	X	X		X
Polycarbonate (w/adhesive)	X	X			
Polyester (print treated)	X	X	X		
Polyester (top coated)	S	X			
Polyethylene HD (treated)				X	X
Polyethylene LD (treated)				X	X
Polyethylene Banner (treated)					
Polypropylene (treated)				X	X
Polystyrene					X
PVC/Sintra®/Celtec					
Static Cling					
Tyvek®					
Vinyl - Banner					
Vinyl - Decal					
Vinyl - Rigid					X

*Pre-test all recommendations prior to full production. Where noted "X" indicates recommended for testing, "S" indicates some materials, "M" indicates recommended for testing with matte flattener, "C" indicates recommended for testing with appropriate catalyst. When catalyzing UV inks, typically 3 - 5% NB80 is used for all applications. Whenever using a catalyst, allow 24 – 48 hours for inks to fully postcure before checking adhesion.