

ACTIVE CURE LED INKS (ACF)

PRODUCT DESCRIPTION

Active Cure LED Inks have been developed to print fine line type, screens and bold spot colors on coated and uncoated paper substrates as well as many top coated films. Recommended for use with a 395nm LED curing lamp positioned approximately 14mm above the substrate for maximum cure.

Active Cure LED exhibits high gloss, excellent adhesion, scratch, and abrasion resistance. LED 395 provides excellent resistance to alcohol, bleach, detergent and harsh solvents (ex. MEK).

PRODUCT SPECS

RECOMMENDED: GLOSS 20/60* N/A	
<input type="checkbox"/> Paper	<input type="checkbox"/> Film
<input type="checkbox"/> C1S	<input type="checkbox"/> White BOPP
<input type="checkbox"/> Other: _____	

RESISTANCE PROPERTIES		Weight	Wet / Dry
Above Average	Sutherland Rub Test: 20+ Rubs	2lbs	Wet
Average	Sutherland Rub Test: 10+ Rubs	2lbs	

WATER	IPA	AKALI 2%	AMM 1%	BLEACH 1% (REQUESTED)	
20+	20+	10+	10+	20+	0-10

C.O.F (C1S)		C.O.F. (WHITE BOPP)	
Static Peak	Kinetic Avg	Static Peak	Kinetic Avg
N/A	N/A	Formulation Dependent	

TYVEK	WHITE BOPP	CLEAR BOPP	METALLIZED FILM	OTHER
Average	Excellent	Excellent	Average	N/A

APPLICATION RECOMMENDATIONS

WATERBORNE OR RADIATION CURING	Water-Based
APPLICATION METHOD	Flexography
BCM VOLUME	N/A

CHEMICAL RESISTANCE PROPERTIES

INK SYSTEM	SUBSTRATE		RESISTANCE PROPERTIES						GLOSS
	BOPP	Coated Paper	Water	IPA	MEK	Alkali 2% Solution	Amm 2% Solution	Bleach 1% Solution	
ACF-42	X		5	5	3	5	5	5	95-100
LED 395nm Cure		X	5	5	5	5	5	5	90-95

CMYK PROCESS INK BLENDERS

COLOR	U.V. SKU FAST CURE	DESCRIPTION	LIGHTFASTNESS (BLUE WOOL VALUE)
	ACFPY42-01	Pro. Yellow	6
	ACFCY42-01	Cyan	8
	ACFMA42-01	Magenta	5
	ACFBK42-01	Black	8

STANDARD INK BLENDERS

COLOR	U.V. SKU FAST CURE	DESCRIPTION	LIGHTFASTNESS (BLUE WOOL VALUE)
	ACFPB42-01	Pro. Blue	8
	ACFPG42-01	Green	8
	ACFWR42-01	Warm Red	5
	ACFRR42-01	Rubine	5
	ACFPV42-01	Violet	8
	ACFYE42-01	Yellow	6
	ACFYE42-03	Yellow LF	8
	ACFPK42-01	Mixing Black	8
	ACFRH42-01	Rhodamine	3
	ACFWH42-03	Opaque White	

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