

POSEIDON SERIES

PRODUCT DESCRIPTION

Poseidon was created to be a high-quality yet low-maintenance ink series. Poseidon has quickly become our most popular tool for high line process work and offers increased press speeds while decreasing press side additives. Poseidon was formulated to print exceptionally well on both paper and film substrates while utilized in conjunction with an OPV or Laminate.

PRODUCT SPECS

PRODUCT CODE	BRIEF DESCRIPTION
Poseidon XP Series	Water Based Surface Print Ink System

TECHNICAL INFORMATION	DESCRIPTIONS	NOTES
pH	8-9	
Viscosity	10-17	3-Zahn
Waterborne or Radiation Curing	Water	
Pigmented	Yes	
Appearance	Ink Color Dependent	

WARNING: Possible skin/eye irritant. Sensitization or other allergic reactions may occur. Reactions may not appear immediately after exposure. Avoid all eye and skin contact. Use in well ventilated area, avoid inhalation of vapors. If contact occur, immediately wash all affected areas with soap and water.

APPLICATION RECOMMENDATIONS

APPLICATION METHOD	Flexographic printing application
SUBSTRATE	Coated Paper, some coated film substrates
BCM VOLUME	1-5
CURE SPEED/PRINT SPEED	200fpm-500 fpm (Press Dependent)
PROPER STORAGE AND HANDLING	Store in original container within a low humidity environment. Use proper handling equipment when in contact with this product.

Poseidon is a low-maintenance, high-quality inks system favored for high line process work with the ability to increase press speeds while decreasing press side additives. Poseidon is formulated to print exceptionally well on paper and film substrates while utilized in conjunction with an overprint or laminate.

Interactive Inks and Coatings recommends pretesting of this product under actual conditions prior to its use. Periodic checks are recommended to test for desired properties during the production run.

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CHEMICAL RESISTANCE PROPERTIES

*Twenty cotton swab rubs equals (1) point of resistance on either BOPP or Coated Paper

INK SYSTEM	SUBSTRATE		RESISTANCE PROPERTIES					GLOSS
	BOPP	Coated Paper	Water	IPA	Alkali 2% Solution	Amm 1% Solution	Bleach 1% Solution	
ACF-42	X		5	1	5	0	1	95-100
LED 395nm Cure		X	2	3	2	0	1	65-70

*The test results you are seeing are representative of our standard XP Series Inks and may not directly correspond to every manufactured batch, every manufactured batch.

CMYK PROCESS INK BLENDERS

COLOR	PART NUMBER	DESCRIPTION	BWV	COLOR	PART NUMBER	DESCRIPTION	BWV
Yellow	XPPY12-3	Pro. Yellow	7	Yellow	XPGPY12-3	Pro. Yellow	7
Cyan	XPCY12-3	Cyan	8	Cyan	XPGMA12-3	Cyan	8
Magenta	XPMA12-1	Magenta	7	Magenta	XPGCY12-1	Magenta	7
Black	XPBK12-1	Black	8	Black	XPGBK12-1	Black	8

STANDARD INK BLENDERS

COLOR	U.V. SKU FAST CURE	DESCRIPTION	LIGHT FASTNESS (BLUE WOOL VALUE)
Blue	XPPB13-01	Pro. Blue	8
Green	XPPG13-01	Green	8
Warm Red	XPWR13-03	Warm Red	5
Rubine	XPRR13-07	Rubine	5
Rubine LF	XPRR13-02	Rubine LF	6
Violet	XPPV13-01	Violet	3
Violet LF	XPPV13-02	Violet LF	8
Purple	XPPP13-05	Purple	2
Rhodamine	XPRH13-05	Rhodamine	2
Rhodamine LF	XPRH13-02	Rhodamine LF	8
Yellow	XPYE13-04	Yellow	4
Yellow LF	XPYE13-03	Yellow LF	7
Mixing Black	XPPK13-05	Mixing Black	8
Dense Black	XPPK10-7	Dense Black	8

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