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DURA-MAX & LAMINATING FILMS (DM/LF) INK BLENDERS

PRODUCT DESCRIPTION

Dura-Max Inks have been developed to print fine line type, screens and bold spot colors on a large range of nonporous substrates such as polyethylene, polypropylene, polystyrene, Tyvek®, g-vinyl and cling vinyl. Dura-Max Inks are also available with the excellent transparency needed for use with foil applications. Not limited to films, this series prints exceptionally well on paper to produce high-quality labels and packaging products.

PRODUCT SPECS

PRODUCT CODE	BRIEF DESCRIPTION
Dura-Max	Water-Based Surface Print Ink System

TECHNICAL INFORMATION	DESCRIPTIONS	NOTES
pH	9–10	
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 occurs, 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	200 fpm–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.

Excellent print quality, high gloss, bold colors, scuff- and mar-resistant, excellent adhesion. 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	
Dura-Max Series	X		5	0	5	5	5	80–85
		X	5	5	5	5	5	75–80
Laminating Film	X		5	0	5	5	5	80–85

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

The Dura-Max Film Series comes in multiple phases, each of which is specialized for a specific printing application. The Laminating Films Series works best when used in conjunction with a high-strength laminate. The standard Dura-Max Film Series works best as a stand-alone, surface print ink series when no overprint or laminate is being used.

STANDARD INK BLENDERS

COLOR	LAMINATION (LF)	SURFACE PRINT (DM)	DESCRIPTION	LIGHTFASTNESS (BLUE WOOL VALUE)
	LFPB13-01	DMPB13-01	Pro. Blue	8
	LFPG13-01	DMPG13-01	Green	8
	LFWR13-03	DMWR13-03	Warm Red	5
	LFRR13-07	DMRR13-07	Rubine	5
	LFRR13-02	DMRR13-02	Rubine LF	6
	LFPV13-01	DMPV13-01	Violet	3
	LFPV13-02	DMPV13-02	Violet LF	8
	LFPP13-05	DMPP13-05	Purple	2
	LFRH13-05	DMRH13-05	Rhodamine	2
	LFRH13-02	DMRH13-02	Rhodamine LF	8
	LFYE13-04	DMYE13-04	Yellow	4
	LFYE13-03	DMYE13-03	Yellow LF	7
	LFPK13-05	DMPK13-05	Mixing Black	8
	LFPK10-5	DMPK10-2	Dense Black	8

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www.interactiveinks.com