INTERNATIONAL CORP INKTECH.

MODIFIED ACRYLIC INK
AM - 0000 SERIES

SUBSTRATES : PRESSURE SENSITIVE VINYL FILMS , VINYL COATED PRODUCTS , VINYL TOP-COATED POLYESTER FILMS , ACRYLIC , REFLECTIVE VINYL, FLEXIBLE VINYL AWNINGS, ABS, POLYCARBONATE.

APPLICATION : VINYL BANNERS , DECALS , SUB-SURFACE PRINTING , FLEXIBLE SIGNAGE, ACRYLIC DISPLAYS, FLEET MARKINGS, MEMBRANE SWITCH.

Product Information
A fast dry long term outdoor vinyl ink designed to print on a wide variety of vinyl and vinyl coated products. Ideal for fleet markings and membrane switches.

Application Information
Thinning : May be used straight from the can but it is recommended to thin 5 - 15% by weight with AM-1800 Thinner . Substitute AM-1800 Thinner with AM-1820 Slow Thinner to improve screen stability when shop conditions are hot. When printing on Polycarbonate, acrylics and PETG thinning with AM-3200 Anti-Crazing Thinner may prevent crazing on substrate.For maximum lightfastness or outdoor durability, little or no thinning is recommended .

Additives : AM-1700 Clear should only be used to increase transparency of colours . However , this will reduce the durability and lightfastness of the colour . Add 5 - 10% DC-393 Gel Retarder to thinned ink to maintain screen stability . Use a small amount of AM-1730 Process Clear ink to improve print quality, if required.

Wash-Up : AM-1800 Thinner
            AM-1840 Wash-Up

Coverage : Approximately 2100 sq.ft./1 U.S. Gallon using a 280/in. monofilament fabric .

Fabric/Stencil : 200 to 355 monofilament fabric . Direct and indirect photostencil or water soluble hand cut stencils are suitable .

Drying : By solvent evaporation . AM-0000 Series air dries in 10 to 20 minutes or can be Jet-Dried to 20-45 seconds at 150°F to 200°F. Allow more time when overprinting to avoid possible re-wetting of previous colours .

Die Cutting/Creasing/Vacuum Forming : Can be successfully die cut or creased but should be tested prior to production . AM-0000 series has excellent vacuum forming characteristics . Gloss levels may increase during vacuum forming depending on temperature and substrate used .

Packaging : Inks :   1 U.S. Qt   / 0.94 Lt.
                          1 U.S. Gal. /   3.78 Lt.
            Solvents :   1 U.S. Gal. /   3.78 Lt.
                          5 U.S. Gal. / 19.00 Lt.

CAUTION :
1. It is the printer's responsibility to pre-test the ink selected prior to engaging in a production run .
2. Refer to Material Safety Data Sheet for heavy metal content.

* Based on information received from our suppliers , these colours may contain the deliberate addition of heavy metals . Heavy metal free colours are available on request .

Colour Range
Standard Colours
*	AM-1010	Red #032
*	AM-1020	Fire Red
	AM-1030	Brilliant Red
*	AM-1040	Bright Red
*	AM-1050	Permanent Red
*	AM-1060	Red #185
	AM-1080	Maroon
	AM-1110	Black
	AM-1120	White
	AM-1140	Brown
*	AM-1220	Orange
*	AM-1240	Vermilion
*	AM-1250	Warm Red
*	AM-1300	Primrose Yellow
*	AM-1320	Lemon Yellow
*	AM-1340	Medium Yellow
	AM-1350	Overprint Clear
*	AM-1420	Emerald Green
*	AM-1450	Forest Green
*	AM-1480	Dark Green
	AM-1520	Opaque Reflex Blue
	AM-1540	Peacock Blue
	AM-1560	Brilliant Blue
	AM-1570	Royal Blue
	AM-1580	Dark Blue
	AM-1620	Purple
	AM-1640	Cerise
	AM-1660	Magenta
	AM-1700	Clear
	AM-2110	Extra Opaque Black
	AM-2120	Extra Opaque White
	AM-2150	Yellow C
	AM-2200	Rubine Red C
*	AM-2250	Orange 021 C
	AM-2300	Rhodamine Red C
*	AM-2350	Red 485 C
	AM-2400	Purple C
	AM-2450	Blue 072 C
	AM-2500	Violet C
	AM-2600	Reflex Blue C
	AM-2700	Process Blue C
	AM-2800	Opaque Green C
	AM-2850	Green C

Transparent Colours
AM-1090	Transparent Red
AM-1290	Trans.Medium Yellow
AM-1390	Trans.PrimroseYellow
AM-1490	Transparent Green
AM-1590	Transparent Blue
AM-1690	Transparent Cerise
AM-1790	Transparent Orange
AM-1990	Transparent Purple

Process Colours
AM-1130	Process Black
AM-1330	Process Yellow
AM-1530	Process Blue
AM-1630	Process Magenta
AM-1730	Process Clear

Thinners and Wash Up
AM-1800	Thinner
AM-1820	Slow Thinner
AM-1840	Wash-Up
AM-3200	Anti-Crazing Thinner

Additives
DC-393	Gel Retarder