



Persia Ink

SHEET FED OFFSET INK



DIAMOND SERIES

This series is a combination of vegetable oil and mineral oil based offset ink and manufactured under strict quality control process. it is suitable for commercial packaging .and also on gloss and matt coated paper it runs well on all sheet fed litho press equipped with or without alcohol dampening system. diamond series gives fast drying and also excellent dot sharpness and high coverage.

PROPERTIES:

- High dampening solution tolerance
- high color density
- Excellent dot sharpness
- Very good setting
- Rapid ink water balance
- improved ink transfer
- excellent color consistansy
- Duct fresh
- Very good rub resistant

COLOURS:

Process inks	Code	Transparent Opaque	light bws	alcohol	solvent mix	alkali
Yellow	SDF52610	T	3-4	+	+	+
Magenta	SDF52620	T	4-5	+	+	+
Cyan	SDF52630	T	7-8	+	+	+
Black	SDF52680	O	8	+	+	+

FOUNTAIN SOLUTION:

- Hydrofix 9053 S Universal fountain solution
- Super fix 9382 Specially for hard water
- LITHOSTAR 9200 Effective fountain solution

ADDITIVE:

Although the inks are formulated to be used straight from the can without additives, in special printing condition depend on different paper and machine to adapt the inks to printing condition following additives should be used.

► PASTE TACK REDUCER 00 TRO 23115

To reduce tack especially on light weight paper add 3 percent in printing ink.

► LIQUID REDUCER 00 VRO 44000

To reduce tack and increase flow up to 3 percent can be used.

► PASTE DRIER 60DAO 57006

To improve drying time of printing matter specially in cold weather or special surface add maximum two percent in printing ink.

PACKAGING:

2.5 kg vacuum sealed can





**SHEET FED OFFSET
DIAMOND SERIES PROPERTIES**

Colour	Code	Transparent Opaque	Light Fastness	Resistance				
				Acid	Soap	Solvent mix	Alkali	Alcohol
Yellow	SDF52610	T	3-4	5	5	5	5	5
Magenta	SDF52620	T	4	4	3	5	4	5
Cyan	SDF52630	T	7-8	4	5	4-5	4	5
Black	SDF52680	O	8	5	5	5	5	5

Light fastness 8 = Excellent 1 = Poor

Resistance 5 = Excellent 1 = Poor

This information is produced to assist in the selection of particular applications . It is the users responsibility to test products under their own printing conditions.
No liability for loss or damage through reliance on this information can be accepted as conditions of use lie outside our control.



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SHEET FED OFFSET DIAMOND PANTONE SERIES PROPERTIES

Colour	Code	Transparent Opaque	Light Fastness	Resistance				
				Acid	Soap	Solvent mix	Alkali	Alcohol
Yellow c	20SDF52101	T	3-4	5	5	5	5	5
Yellow 012c	20SDF52102	T	3-4	5	5	5	5	5
Orange 021c	20SDF52103	O	6-7	5	5	5	4-5	5
Warm red c	30SDF52104	O	3-4	4-5	3	4-5	5	5
Red 032c	30SDF52105	O	4-5	5	5	4-5	5	5
Rubin red c	30SDF52106	T	5	5	5	5	5	5
Rhodamine red c	30SDF52107	T	4	4-5	1	4	2	4
Process blue c	40SDF52108	T	8	4	5	4-5	4	5
Process green c	40SDF52109	T	6	5	5	5	5	5
Purple c	60SDF52110	T	4	4-5	1	4	2	4
Violet c	60SDF52111	T	6-7	5	5	5	5	5
Reflex blue	40SDF52112	T	3	5	5	3-4	5	3-4
Blue 072c	40SDF52113	T	3	5	5	3-4	5	3-4
Black	40SDF52114	O	8	5	5	5	5	5
Gold 871	40SDF52115							
Gold 872	40SDF52116							
Gold 873	40SDF52117							
Gold 874	40SDF52118							

Light fastness 8 = Excellent 1 = Poor

Resistance 5 = Excellent 1 = Poor

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