

DELTA FLEXO UV LED 275 UV FLEXO INKS "LOW ODOR"

TECHNICAL DATA SHEET

APPLICATION FIELDS

UV flexographic equipment with UV LED lamp 385/395 nm

- Labels (adhesive, in-mould, wrap around, sleeves)
- packaging

SUBSTRATES

Coated and uncoated paper, Carton board

Plastic films - PE,PP,PVC,OPS,PET

CHARACTERISTICS

Very high reactivity.

No solvent emission.

Fresh inks without time limit

High concentration and stable viscosity

Excellent printing quality and excellent adhesion on various substrates.

Good gloss degree and good chemical and physical resistance.

Low odor after curing.

FLEXO UV LED 275	COD.	Light ISO 12040	Nitro ISO 2836-1	Alkali ISO 2836-1	UV Varnish ISO 2836-1
PROCESS YELLOW	275101	5	yes	yes	yes
PROCESS MAGENTA	275102	5	yes	no	yes
PROCESS CYAN	275103	8	yes	yes	yes
PROCESS BLACK	275104	8	yes	yes	yes
DEEP BLACK	275244	8	yes	yes	yes
PROCESS YELLOW LR	275801	7	yes	yes	Yes
PROCESS MAGENTA LR	275802	7	yes	yes	yes

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FLEXO UV LED 275	COD.	Light ISO 12040	Nitro ISO 2836-1	Alkali ISO 2836-1	UV Varnish ISO 2836-1
Yellow base	275111	6	yes	yes	yes
Yellow	275001	5	yes	yes	yes
Yellow 012	275112	6	yes	yes	yes
Orange 021	275121	6	yes	yes	yes
Warm Red	275108	6	yes	yes	yes
Red 032	275132	6	yes	yes	yes
Rubin Red	275122	6	yes	yes	yes
Rhodamine	275105	7	yes	yes	yes
Purple	275109	7	yes	yes	yes
Violet	275190	8	yes	yes	yes
Blue 072	275172	8	yes	yes	yes
Blue Reflex	275106	8	yes	yes	yes
Blue Process	275113	8	yes	yes	yes
Green Base	275107	7	yes	yes	yes
Black Base	275114	8	yes	yes	yes
Transparent	275100	-	yes	yes	yes
Opaque White	275110	-	yes	yes	yes
Op. White H.cover	275070	-	yes	yes	yes

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Furthermore:

GOLD RP 275137	"Ready" to use metal ink
SILVER 275800	"Ready" to use metal ink
DILUENT 260076	To reduce viscosity, max 10% in formulation
CATALIST 260077	To increase curing speed, max 10% in formulation
SOLVENT UV 2000	For cleaning equipments
SLIP AGENT 260488	To help inks distension. Use between 0.2-0.5% (2-2.5 gr in 1 Kg)
ANTIFOAM 260088	Use between 0.2-0.3% (2-3 gr in 1 Kg)

DELTAFLEXO UV LED 275 is one of the most recent development in FLEXO UV INKS. Beyond the **excellent printability, high speed curing, extremely high gloss degree and excellent scratch and water resistance**, it is characterized by fully suitability with the most recent requests of the labelling market. These inks are developed with selected raw materials to have low odor residual. Particularly, DELTAFLEXO 275 UV LED doesn't contain ITX, BENZOPHENONE or 4-METHYLBENZOPHENONE.

DELTAFLEXO 275 UV LED inks are compliant to the directive CEE 94/62 of 20/12/1994 and to NORMA EN Part 3 (Toys Safety). Once perfectly cured, the generated film is inert and odourless.

Curing degree could be influenced by:

- Power of the UV/LED lamp; distance lamp-printed foil
- thickness of the ink

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- printing speed

STORAGE AND HANDLING

Protect in original sealed containers and from UV rays. Recommended storage temperature (20/25° C). In correct condition of storage shelflife is 12 months from production date.

PACKAGING

5 Kg cans

We recommend before "ok to print" to always check the conformity of the product to the specifications. The success of printing is subject to different factors/conditions.

The liability of COLORGRAF S.P.A is reduced to the replacement of the product if it is defective or not suitable for what is required.