

SOFT TUBES WITH BARRIER VARNISH

UV INK

encres
DUBUIT

Latest update:

2010-11

TDS reference :

DG 334/Multitube 022011

MULTITUBE



Application

MULTITUBE series is a glossy, very flexible, UV ink, specially designed for printing on soft tubes and objects coated with a UV or solvent-based barrier varnish. MULTITUBE series is ready-to-use, with a low residual odor.

When printing overlays, beware of not waiting more than 24 hours between each layer's print in order to enhance the intercoat adhesion.

Finish

Glossy ink with a good opacity.

Machines

Automatic and semi-automatic printers



Screens

The recommended mesh is 140.34 PW to 150.34 PW (355 threads/in).



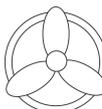
Cleaning

Dubuit's standard cleaning solvents are : Solvent H, ECO N Solvent and 93801 solvent



Squeegee

Recommended with this ink : single, double or triple durometer polyurethane blades with hardness between 85 and 75 shores.



Curing

The required energy for curing stands between 150 and 250 mJ/cm² under a UV lamp set at 120 W/cm (300 W/in), or two UV lamps at 80 W/cm (200 W/in)



Additives

For special needs, one may add some materials into the ink.

Thinning:

The most appropriate thinner is MPG thinner
Instruction: .1 To 5 %

Adhesion promoter:

This ink is ready to use. However, in case of adhesion difficulties, one may add 1 to 3% of adhesion promoter AM9268.

Photo-initiator:

It improves the ink's reactivity to UV light and thus increases the curing speed. We then recommend the addition 0.5 to 2 % of ST 307.

Because of the large diversity of substrates, we recommend to carry out trials prior to the full production.

PRODUCT SELECTION CHART

ECO SYSTEM EDA	PRODUCT	
MID YELLOW	710	BMTUB710K
GOLDEN YELLOW	720	BMTUB720K
MANDARIN	730	BMTUB730K
VERMILLON	740	BMTUB740K
DARK RED	750	BMTUB750K
PINK	760	BMTUB760K
VIOLET	770	BMTUB770K
PRIMARY BLUE	780	BMTUB780K
EMERALD GREEN	790	BMTUB790K
MIXING BLACK	701	BMTUB701K
SUPER OPAQUE WHITE	706	BMTUB706K

Color Matching

Dubuit offers a full in-house color matching service from 1 kg.

Please provide us with as much information as possible regarding the type of substrate, color, mesh used...

Special requirements

It is possible to intensify our inks' colors by adding MULTIFLEX pigment concentrates. For more details on use and price please contact our technical support.

Storage

Standard shades have a guaranteed shelf life of 1 year from their date of shipment from our factory, undiluted, in the original, unopened container. The above guaranty is applicable to inks stored in a dry, dark, well-aired environment at a temperature between 15-25 °C (59-77 °F).



Standard and Legislations:

For full details about our ink's conformity with current standards, please refer to the document ECO SYSTEM Label by Encres Dubuit.

Material safety data sheet available at : <http://www.edubuit.com/msds/> or export@encresdubuit.com

Dubuit guarantee the quality of our products. We cannot however guarantee the finished results because we exercise no control over an individual operating procedures. Our responsibility is limited solely to the exchange of ink or varnish. The quality of a substrate to be printed can vary, as can an ink being overprinted; therefore the above information is given in good faith based on the state of our art and prior experience. This statement also applies to our technical assistance. When using our inks and varnishes on a new substrate or when changing operating procedures, we strongly recommend testing before use in a production situation to ensure full compatibility. **Please refer to our General Conditions of Sales.**