

PLURINX MATT COLORS Technical Data

Plurinx Matt Colors are a rotogravure and flexo ink series based on modified Nitrocellulose as the main binder.

The surface of the printed colors is opaque and velvet-like.

These Matt colors were developed for special applications: ribbons, shopping bags etc..., for which uncommon effects are required.

Contact studio EFFE for assistance.

Properties:

- High heat resistance
- High covering
- Outside printing
- Not for lamination
- Non blocking: can be printed front and reverse if the substrate is treated on both sides
- Opaque and velvet-like: for best results use higher amount of ink

Printing Process

- Roto and flexo

Thinner:

- Roto: dilute with Ethyl Acetate
- Flexo: dilute with Ethyl or Isopropyl Alcohol with Ethyl Acetate in the ratio of 7:3
- Retarder: Propylene Glycol Monomethyl Ether

Substrates

- Treated polyethylenes
- Treated polypropylenes: use 5% of additive Titanium Acetyl Acetonate or other Titanium adhesion promoters.
Don't let the additivated inks dry in the engravings.

Printing Aids:

- No special aids are necessary except those well known, such as solvents, retarders and adhesion promoters.

Available Colors:

Each color is followed by three digits according to the International Color Index of the pigments.

Example:	MATT 130= PY 13
	MATT 153= PB 15:3
• Yellow:	MATT 130
• Orange:	MATT 500
• Red:	MATT 481, MATT 571
• Violet:	MATT 300, MATT 230
• Blue:	MATT 153
• Black:	MATT Black
• White:	MATT White

Other MATT colors: contact studioEFFE

Packaging

- 25 Kg metallic pails
- 200 Kg metallic drums

Service Life and Storage:

- In excess of one year if kept at room temperature (5 to 30°C) in the original sealed packages.
- After an extended period of time it is required to stir the inks preferably with a touted disc (cowless).

Note:

Due to the specific use of this series it is required that before printing proper tests are to be made in order to verify the suitability.

Above information cannot include all variables and factors influencing the applications and usages of inks. Therefore, it is up to the user to proceed with rational carefulness and to contact studioEFFE for assistance.