SCREEN PRINTING UV INK

UVIPRIM VY NG

UV curing ink intended for printing on rigid PVC, self-adhesive supports and polycarbonate.
It is also used for printing on PLV cardboard. NVP FREE.

The **UViprim VY** range is intended for printing on rigid PVC, self-adhesive foils, polycarbonate, paper and cardboard.

Good results have been obtained on pre-treated polypropylene like Priplak® or Akylux® by mixing the ink with 5% of hardener.

The mixture is stable for 12 hours at 20°C. The efficiency of the hardener can be observed 24 hours after printing.

Since the Corona treatment has a limited lifetime, please check the surface condition of the substrate before.

Ready to use, we recommend a mesh between 140 to 180 threads/cm.

To obtain correct opacity, we recommend you to add from 10% to 20% of THINNER WHITE to the basic colours. COVERING WHITE or EXTRA OPAQUE WHITE cannot be mixed with other colours and are printed as a single colour.

Polymerization

The polymerization speed depends on several parameters, particularly the printed thickness, the opacity, the colour and the type of support, the type and number of UV lights.

Due to the various configurations proposed, tests are required before starting prining.

The white colour and the tints (containing white) cure more slowly.

To obtain a good adherence, the ink must be polymerized correctly.

For superposition of layers, the 1st layer must not be over polymerized.

In addition, the adherence between the various colours must be checked from time to time during the process.

Specifications

➢ Appearance:	glossy	➢ Weather resistance:	good
➢ Average density:	1.05	➢ Light fastness:	very good
➢ Viscosity:	3.5 ± 0.5 Pa.s	➢ Thinner:	3192058 max. 5%
➢ Coverage rate:	90 m²/kg with a 165-34 mesh	➢ Cleaning solvents:	2881, 2891, 2895, NS-81, NS-85, NS-91, NS-95, NS-55
		➢ Expiry:	refer to the label

The **UViprim VY NG** inks comply with EN 71-3 standard. The **UViprim VY NG** do not contain vinyl pyrrolidone.

STANDARD COLOURS		Ref. 1 kg	Ref. 5 kg
	Thinner white*	38C2085	38C4085
	Covering white	38C2087	38C4087
	Extra opaque white	38C2080	38C4080
	Lemon*	38C2002	38C4002
	Gold yellow*	38C2004	38C4004
	Orange*	38C2006	38C4006
	Scarlet*	38C2007	38C4007
	Cherry red*	38C2008	38C4008
	Cyclamen*	38C2014	38C4014
	Purple / Violet*	38C2016	38C4016
	Process blue*	38C2027	38C4027
	Reflex blue*	38C2025	38C4025
	Emerauld green*	38C2033	38C4033
	Black*	38C2044	38C4044

STANDARD COLOURS	Ref. 1 kg	Ref. 5kg
4-COLOURS PROCESS		
4-colours yellow	38C2050	38C4050
4-colours magenta	38C2052	38C4052
4-colours cyan	38C2054	38C4054
4-colours black	38C2056	38C4056
4-colours thinner	38C2057	38C4057
FLUO		
Fluo yellow	38C2070	38C4070
Fluo orange	38C2073	38C4073
Fluo red	38C2071	38C4071
Fluo pink	38C2074	38C4074
Fluo green	38C2072	38C4072
BASE		
Thinner base*	38C2066	38C4066
ADDITIVES		
Textured varnish		38C4098
Shiny overprint varnish	38C2090	
Photoinitiator, per 100 g	38C0595	

Pantone® colour matching
All the marked inks with an asterisk *, can be colour matched according to the Pantone® colour guide through the online Colour Matching System developped by Tiflex.