

PLASTOPAQUE EASY SF

3010SF series

technical information

Plastisol screen printing ink phthalate free. Its main characteristics are: Excellent opacity, very good colour brightness, high viscosity, wet-on-wet printability, very soft hand. The wide range of additives and auxiliaries allows to vary look and characteristics of the ink, for instance: glitters, metal, high thickness, gloss, matt, puff effects etc. If used on light-coloured fabrics, the ink can be mixed with **EMS PLAST PL 001 transparent** (20-50%) or with **PLASTOPAQUE EASY SF opaque extender 03** (10-30%).

Available first down, underbase flash white:

PLASTOPAQUE SF white R (code 301114SF) - very fast flash and no after tack white. High opacity and fastness.

PLASTOPAQUE SF fast white (code 301111SF) - universal white, suitable to be used as a first down, underbase flash white and as stand alone white.

Extremely soft and elastic.

Formulation comply with EN 71 specification. **Phthalate free**. Always test before using in production.

PREPARATION

Before adding additives always stir well the ink to break down the false body, add the additives and mix thoroughly.

Additive F (code 601001) - viscosity reducer and stabilizer (max 2%), it allows to reduce the viscosity adding small quantity of additive maintaining the opacity. Recommended for opaque colours.

Additive 010 (code 601010) - slow plasticizer, it increases gloss and elasticity (max 10%).

Additive fast (code 601005) - fast plasticizer, it increase gloss and elasticity. Use max 10%.

PLASTOPAQUE SF additive EXP (code 601003SF) - puff effect (max 20%).

PLASTOPAQUE SF drying promoter (code 601009) - it increase the drying speed and improve the fastness to following treatments, for instance dyeing process. For a strong effect add 20-30% of additive.

SCREEN FABRICS

34-77 threads are recommended

CURING

150°C for 3 minutes

WASH-UP

White spirit, Solvente lavaggio 1016

STANDARD COLOURS

extender medium 02, opaque extender 03, white 10, lemon yellow 20, medium yellow 21, warm yellow 22, orange 30, scarlet 39, red 40, ruby red 42, magenta 44, violet 50, light blue 51, ultramarine blue 54, blue 56, royal blue 57, navy blue 58, brilliant green 60, green 62, black 80, gold 90, silver 95, fluo yellow 220, fluo orange 230, fluo red 240, fluo pink 244, fluo green 260

BASE COLOURS EMS PLAST PL SERIES

transparent 01, white 100, greenish yellow 200, warm yellow 220, orange 300, red 400, ruby red 410, magenta 430, violet 440, blue 500, green 600, black 800

PROCESS COLOURS

SF 3011 series - extender medium 02, yellow 29, magenta 49, cyan 59, black 82

OTHER SERIES AND ADDITIVES

SF 3011 series - 03 EXP transparent, 11 fast white, 14 white R
 SF 6010 series - 01 additive F, 10 additive 010, 03 additive EXP, 05 fast additive, 09 drying promoter
 SF 3015 series - (for high thickness effect) HS-SF transparent 01, HS-SF opaque extender 00

STORAGE

Store plastisol at room temperature. Prolonged exposure to high temperature can cause the viscosity of any plastisol to increase.

STANDARD PACKING

inks: plastic containers Kg 1-5-25

additives: plastic/ metal cans Lt/Kg 1-5

APPLICATIONS

cotton and polyester/cotton blends

SCREEN FABRICS

34-77 threads/cm

EMULSION

DIWOSOL 200, DIWOSOL DUAL, DIWOSOL 400

ADDITIVES

additive F, additive 010, fast additive 05, additive EXP 03, drying promoter 09

CURING

150°C 3 minutes

WASH-UP

white spirit, solvente lavaggio 1016

MATCHING SYSTEM

Engler Matching System
 EMS Plast PL