

PLASTOPAQUE HS

series 3015

technical information

DOP free, high density plastisol, suitable for high thickness print. **Plastopaque HS** is available in two versions: extender (for all opaque colours) and transparent (clear) for metal colours, clear colours and for overprinting). Also available phthalate free series **Plastopaque HS-SF**. Always test before using in production.

PREPARATION

Stir well before use. Prepare the colours adding 10-20% of **Plastopaque Easy** or **EMS Plast PL** to the extender or transparent. Add the additive and mix thoroughly.

Additive F (code 601001) - viscosity reducer (max 2%) - **phthalate free**

Additive L (code 601002) - slow plasticizer - increase gloss and elasticity (max 10%)

Additive 010 (code 601010) - slow plasticizer - increase gloss and elasticity (max 10%) - **phthalate free**

Additive fast (code 601005) - plasticizer - fast drying - increase gloss and elasticity (max 10%) - **phthalate free**

Additive EXP (code 601003) - puff additive - can be used as a matting agent. Use: about 5%. Also available in phthalate free version.

For other additives see the technical information of **Plastopaque Easy**.

SCREEN FABRICS

Use screens 9-24 threads/cm made with high thickness emulsion or film.

PRINTING

Adjust the squeegee speed according to the ink viscosity. Fill up the screen, without excess, adjusting the flood bar pressure and angle. Print with low pressure. In order to have a good ink flow. The proportion between the dimension of the engraved lines and its thickness have to be at least 2:1.

CURING

The ink cures when all the thickness reach the temperature of 150°C. The curing time changes according to the drying equipment, normally 150°C for 3 minutes. Be careful don't expose at excessive temperature for a long time to avoid a loss of elasticity. The ink correctly cured looks glossy, elastic and with a good wash and abrasion resistance.

WASH-UP

White spirit, solvente lavaggio 1016

AVAILABLE PRODUCTS

transparent 01, 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 - metal cans Kg 5-25

Additives: metal cans Lt 1-5

APPLICATIONS

cotton and polyester/cotton blend

SCREEN FABRICS

9-24 threads/cm

EMULSIONS

high thickness emulsions or films

ADDITIVES

additive F, additive L, additive 010, fast additive 05, additive EXP 03

CURING

150°C for 3 minutes

WASH-UP

white spirit, Solvente lavaggio 1016