

**PLASTOPAQUE EASY SF**

Cod. 3010— 3011— 3015 - 6010

Plastisol, phthalates free screen-printing ink. It is a high opacity ink with excellent printability. It is suitable for T-SHIRTS, sweatshirts and all pre-cut fabrics and garments.

**Key features and substrates:**

- Excellent printability wet-on-wet
- High opacity
- Good elasticity
- Fast drying under flash-curing
- Soft touch
- Ideal for cotton and mix-fibres fabrics for which OEKOTEX 100 is required
- Phthalates free
- Compliant with EN71/3, 2019-2021 release

**NOTE:** thanks to the wide range of dedicated products and auxiliaries it is possible to obtain 3D effects, high thickness, puff effects, metalized effects, glossy finishing, matt finishing and much more

**Instructions for use:**

- Mix the product before adding any additive. Then you can add:

**Additive F (cod.601001):**

Viscosity reducer and stabilizer; add max. 2%. It allows to dramatically reduce viscosity already with a very low %. It is usually used along with opaque colours

**Additive EXP (cod.601003SF):**

Puff effect additive; it can be used up to max. 20%

**Additive Fast (cod.601005SF):**

Fast plasticizer: helps improving elasticity and gloss: It is recommended when using PLASTOPAQUE EASY HS-SF to print high thickness. Thanks to its reactivity it can be used to dilute PLASTOPAQUE EASY SF WHITE R as alternative to ADDITIVE F. Use max. 10%

**Additive accelerant (cod.601009SF):**

It helps accelerating drying under flash-curing and improves rubbing fastness and the general fastness to further treatments (examples: dyeing). To obtain a very strong accelerating effect add max. 20-30%

**Additive 010 (cod.601010SF):**

Slow plasticizer; it helps improving elasticity and gloss; add max. 10%

**PLASTOPAQUE SF THRICROMATIC EXTENDER BASE (cod.301102SF):**

Use up to 20-50% of this base along with Plastopaque colours to obtain "transparent" colours to be printed on light or white backgrounds

**PLASTOPAQUE EASY SF OPAQUE BASE (cod.301001SF):**

For intermediate background it is possible to use max. 20-30% of this base along with Plastopaque colours

**PLASTOPAQUE SF WHITE R (cod.301114SF):**

Super fast drying, high opacity, ideal to be over-printed, very low tack (just when still warm) it is suitable for background on dark fabrics

**PLASTOPAQUE SF WHITE FAST (cod.301111SF):**

Universal white, suitable to print background on dark fabrics and to print is as final colour. Extremely elastic, it is soft and opaque. Fast drying under flash

**PLASTOPAQUE SF WHITE WK-P (cod.301113SF):**

Extremely versatile white for backgrounds and fine details. Very soft and low temperature curing

**Screens:**

It is usually recommended to print the products with 43-77 th/cm screens, depending on the effects to be obtained

**Drying and curing:**

It is recommended to cure the products at 150°C for 2-3 min..

Crosslinking is complete just when the whole deposit of ink has reached 150°C.

Time is strongly connected to the type of dryer used and to the thickness of the printed ink.

Do not extra-cure the printed product because too high temperature or too long time will damage the product by drastically reduce elasticity and causing colour bleeding.

If using a warm air dryer (no infra-red), cure at 150°C for 3 min.

If using infra-red dryers with medium waves, cure at 150°C for 2 min.

Please, always check real temperature on the belt.

The most efficient and faster dryers are the glass-ceramic with infra-red ones. With such dryers at a distance of 20cm from the glass-ceramic panels, it is possible to cure in 60 sec.

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The properly printed and cured plastisol will be semi-matt, elastic and with a good washing fastness.

**Cleaning:**

Clean tools and screens with white spirit or Washing Solvent 1016

**Products range:**

- Ready colours and extender bases  
White 10, Lemon yellow 20, Medium yellow 21, Warm yellow 22, Orange 30, Scarlet 39, Red 40, Carmine red 42, Magenta 44, Violet 50, Light blue 51, Ultramarine blue 54, Blue 56, Royal blue 57, Navy blue 58, Bright green 60, Green 62, Black 80, Gold 90 and Silver 95  
Extender base 02, opaque base 03, fluo yellow 220, fluo orange 230, fluo red 240, fluo pink 244, fluo green 260
- Matching system EMS PLAST PL colour bases:  
Transparent 01, white 100, primrose yellow 200, warm yellow 220, orange 300, red 400, ruby 410, magenta 430, violet 440, blue 550, green 600, black 800
- Process colours — Serie SF 3011:  
Extender base (cod. 02), yellow (cod. 29), magenta (cod.49), cyan (cod. 59), black (cod. 82)
- Products to complete the serie:  
**Serie SF 3011:** fast white 11SF, white R 14SF, transparent exp 03SF, white WK-P 13SF  
**Serie SF 6010:** additive F 01, additive 010SF, additive exp 03SF, additive fast 05SF, additive accelerant 09SF  
**Serie SF 3015-HS-SF:** transparent 01SF, extender base 00SF

**Storage and Shelf-life:**

Protect from extreme temperatures.  
It is recommended to keep the original closed container in a dry and fresh place. *Frost sensitive and temperatures above 40°C sensitive.*

Shelf life: 12 months

**Packing:**

Plastic cans and drums:  
1— 5— 25 KG

Liquid additives:  
Metal cans: 1— 5 L

**NOTE**

Our technical advice whether spoken, written or through test trials corresponds to our current knowledge and provides information about our products and use. ENGLER ITALIA cannot, however, guarantee the finished results because ENGLER ITALIA exercises no control over those factors which may determine the use and application of the product at the user's headquarter.

Unless specifically agreed in writing, ENGLER ITALIA is not, therefore, liable for any loss or damage deriving from an unauthorized use of the product.

The selection and testing of the product is exclusively user's responsibility. Should any liability claim arise, they shall be limited to the value of goods delivered by ENGLER ITALIA and utilised by user with respect to any and all damages not caused intentionally or by gross negligence.