



Solvent, polyurethane based, screen printing ink. It is a semi-glossy, extremely flexible and elastic ink. It is suitable for printing several types of substrates and especially nylon, leather, artificial leather, treated polyester panels, treated self-adhesive polyester, EVA, bonded hide-leather, polyurethane coated substrates and many more.

Chemical-physical features:

- Excellent flexibility
- Optimal adhesion and covering
- Wide range including products engineered for special applications
- Can be coated
- Complying to EN71/3, 2019-2021 release

Instructions for use:

Mix thoroughly before use. On demand it is possible to add hardener: 10-20% Serilon Hardener; alternatively max. 5% M140 CATALYST

Screens and Yield:

- Depending on application it is possible to print SERILON with 43-150 th/cm screens
- Yield: with 120 f/cm screens it is possible to print about 35-45 m² per KG

Drying and curing:

- At room temperature it takes about 15-20 min. for drying and curing.
- It is also possible to accelerate the process by means of a warm air dryer and to obtain complete curing at 40-50°C for 20 sec., provided the features of the substrate allow to use that temperature.
- *When mixed with Serilon Hardener Conc. 09 or M140 CATALYST, drying time will be the same and it is recommended to carry out fastness tests after 24 h*

Cleaning:

Clean all tools with appropriate solvents: see specific technical data sheet

Products range:

- Ready for use colours:

Transparent 01, transparent SY03, transparent binder for metal powders 05, white 10, lemon yellow 20, orange 30, red 40, carmine red 42, magenta 44, violet 50, ultramarine blue 54, blue 56, royal blue 57, bright green 60, green 62, black 80

- Colours for high frequency welding:

Heat-sealable lemon yellow 20S, heat-sealable black 81,
With such colours it is possible to avoid migration of pigments during welding.

- Process colours:

Pasta gel 04, Pasta gel R 06 (retarder), yellow 29, magenta 49, cyan 59

- Fluorescent colours:

Yellow neon (209220), Orange neon (209230), Red neon (209240), Pink neon (209244), Green neon (209260)



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• Special products:

White Ultra 11: very strong covering power, suitable for flexible (but not elastic) substrates. To be used as finishing white.

White Extra 12: high viscosity white, suitable for uneven or absorbent surfaces

Transparent SY: to be used as final thermo-adhesive when printing transfers; to be printed with 34-43 th/cm screens

Auxiliaries:

Hardener:

- SERILON HARDENER CONC. 09
- M140 CATALYST: *isocyanate free*

Thinners and solvents:

- THINNER 201 R (fast)
- THINNER 202 M (medium)
- THINNER 203 LENTO (slow)
- THINNER 204 RETARDER

- THINNER 1014 (cod. 181014)
Improves printability, particularly suitable to print fine details. *Biodegradable*.
- THINNER 1016 (cod. 181016)
Quite aggressive thinner suitable for very critical substrates

Storage:

Protect from extreme temperatures.
It is recommended to keep the original closed container in a dry and dark place.

Shelf life: 12 months

Packing:

- Metal containers: 1 - 5 - 20 KG
- Metal containers for hardeners: 0,100—0,250 - 1 KG
- Metal containers for thinners and solvents: 1 - 5 - 20 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.