

# SERILON

## series 2016

### technical information

Polyurethanic, semi-gloss screen printing ink. Extremely flexible and elastic, suitable for print on nylon fabrics, leather, imitation leather, clothing-labels, self-adhesive treated polyester, EVA, salpa, polyurethane etc. Is possible to improve the hardness of the printed film and its chemical-physical resistance adding 10-20% of Serilon hardener conc. 09; It is necessary printing clothing-labels that will be stone washed. Serilon can be over varnished. For particular requirements specific products are available.

**Extra white 12:** suitable to print on nylon/PVC fabrics for sporting-bags. Due to its high viscosity, it remain on the surface of the fabric.

**Ultra white 11:** highly opaque. Suitable for flexible, not elastic materials.

**Deep black 82:** highly opaque black.

**Yellow 20S, red 40S, and black 81 weldable:** suitable to print on materials that must be welded by high frequency systems. Avoiding bleeding and sparking problems.

**SY transparent:** thermo-adhesive for transfer systems (34-43 threads/cm).

Formulated to comply with EN 71 specification. Always test before using in production.

#### PREPARATION

Stir the ink before use. If necessary add 10-20% of Serilon hardener conc. 09 (colours 10-15%, transparent 15-20%). Add thinner and mix thoroughly.

#### SCREEN FABRICS

Depending on the applications, from 43 to 150 threads/cm.

#### DRYING

The ink dries at room temperature in approx. 15-20 minutes.  
In air drier at 40-50°C in 20 seconds.

#### YIELD

It depends on the colour. Using 120 threads/cm approx. 35-45 sq.m/Kg

#### COLOURS AND AVAILABLE PRODUCTS

white 10, ultra white 11, extra white 12, lemon yellow 20, weldable lemon yellow 20S, orange 30, red 40, ruby red 42, magenta 44, violet 50, ultramarine blue 54, blue 56, royal blue 57, brilliant green 60, green 62, black 80, weldable black 81, deep black 82, transparent 01, transparent for metallic powder 05, SY transparent, pasta gel 04, fluo yellow 220, fluo orange 230, fluo red 240, fluo pink 244, fluo green 260, hardener conc 09.

#### TRICHROMATIC COLOURS

yellow E 29, magenta E 49, cyan 59, pasta gel 04.

#### STORAGE

Protect from extremes of temperature

#### STANDARD PACKING

inks: cans Kg 1-5

#### APPLICATIONS

nylon fabrics, leather, imitation leather, clothing labels, self-adhesive treated polyester, EVA, salpa, polyurethane, etc.

#### SCREEN FABRICS

43-150 threads/cm

#### EMULSIONS

DIWOSOL J, DIWOSOL SD, DIWOSOL 200, DIWOSOL DUAL, DIWOSOL 400

#### THINNERS

201 R, 202 M, 203 L, 204 retarder, 1014, 1016

#### DRYING

15-20 minutes at room temperature

#### WASH-UP

wash solvents