



# RAD PRINT SPECIAL

**TYPE OF BINDER :** Blend of acrylic monomers and oligomers free from NVP

**APPLICATIONS:** Rad Print Special is suitable for printing onto vinyl materials, Polycarbonate, ABS, paper, cardboard and treated polyester.

**GENERAL CHARACTERISTICS:** The Rad Print Special range, UV screen printing ink, comprises 13 basic opaque colors, Extra-opaque White and Black, colors for 4-color prints with thixotropic gel and a range of 9 basic colors for the formulation of the most popular color nuances. The **Rad print Special** range is different from the Rad print Standard and offers highly opaque basic colors, excellent shine and brightness for all the colors in the range.

External resistance of up to 3 years on vinyl materials, combined with good resistance to water and abrasion, resistance to cutting, even in multi-layer applications, make Rad Print Special a high-performance product in the UV ink sector.

**INSTRUCTIONS FOR USE:** The UV inks in the Rad Print Special range are ready for printing, except for the Gold and Silver colors which come in two separate containers (Transparent base + Paste), because once the components have been mixed, the Pot Life of the ink is limited to just a few working hours.

It is recommended for printing on fabrics between 140 and 180 threads and squeegees of 75/80 Shore or more.

The approximate spread rate with 150 mesh screens is around 85 Mq\ Kg.

Shades available in the **Standard Colors** range:

Opaque color shades : 152,154,250,251,254,252,255,454,455,902,351, White and Black

Four-color printing shades: 850,851,852,853.

For the mixing system, see our **Mix Colors** chart.

**DRYING:** In ovens with 120 W\cm lamp and prints made with 150 thread fabric, complete hardening at a rate ranging between 15 and 20 m\min.

Reduce speed for metallic colors and black. For 4-color prints, the first three colors must be dried at approximately 50% of the power normally used.

**NOTES:** UV inks contain acrylate based polymer or monomer resins which can cause skin irritations if not handled correctly. Please refer to the product's safety sheet for information on correct use.

The values and information contained in our Technical Data Sheets are the result of numerous tests and trials conducted in our labs. However, considering the vast range of applications and processing methods, they can only provide an indication.

Therefore no direct responsibility can be accepted on our part for the way these values will be applied; users must verify personally that the product is suitable for their specific requirements.