

SIGNRACER

PRECISION MEETS PERFORMANCE

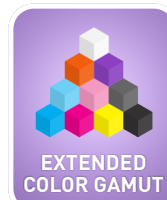


SR-200+

Industrial wide colour gamut ink designed to meet demanding EU chemical requirements.

Reach compliant and SVHC Free

- No substances of very high concern
- Nickel-Free Yellow for skin-contact applications
- GREENGUARD Gold certified for low emissions in sensitive interiors



High-Performance Inks for Demanding Applications

Optimized Robustness

With increased viscosity up to 8.5 cps the SR-200+ ink has an improved abrasion behaviour and better solvent resistance for industrial printing applications.

Exceptional Adhesion and Flexibility

The SR-200+ inks exhibit excellent adhesion to various materials, significantly enhanced plasticizer resistance, and very high flexibility, enabling the production of durable, vibrant prints that withstand the test of time. Plasticiser resistance is mainly important to keep the ink flexible on flexible media.

Non-Sticky Finish

A significant improvement over the previous formulations, these new inks ensure that prints remain non-sticky, enhancing the textural quality and handling of the final product.

Nickel-Free Yellow

With nickel-free Yellow, SIGNRACER delivers safer printing for skin-contact items—watch housings, fashion accessories, and wearable devices. Nickel is a common allergen and hazardous substance that can cause irritation, allergic reactions, and long-term sensitivities with repeated exposure.



Metal components



Acrylic cover panels



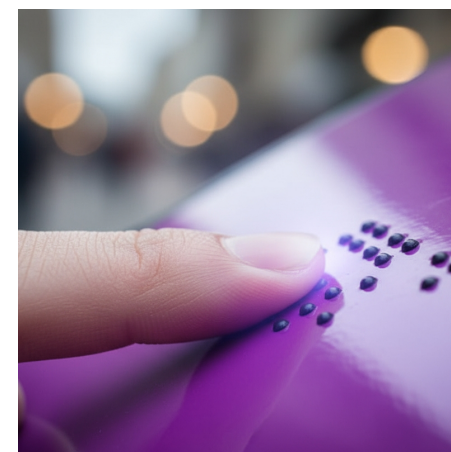
Wood and Bamboo



Automotive interiors



Industrial components

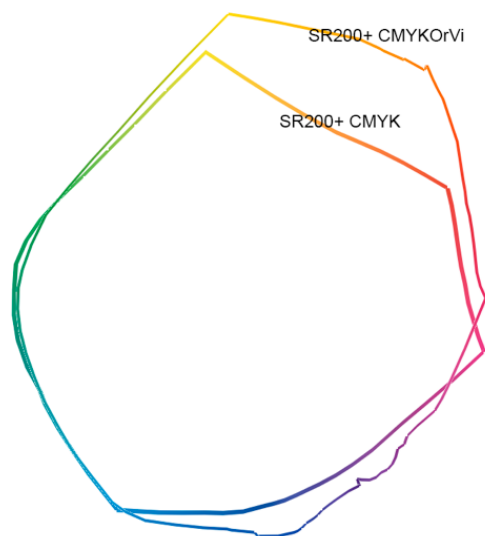


Braille Signage

Enhanced Gamut with Orange & Violet

The addition of Orange and Violet inks to the SR-200+ ink set significantly expands the printable colour space, especially in the warm and purple ranges, where standard CMYK inks fall short.

Orange adds vibrancy and saturation in the yellow-red region, ideal for reproducing **bright packaging colours, bold branding, and natural skin tones**. Violet, on the other hand, enhances deep purples, blues, and some luxury brand colours, ensuring more accurate reproduction in **fashion, watch industry, and high-end industrial applications**. Together, these extended gamut colours provide richer tones, smoother gradients, and more precise colour matching, giving SIGNRACER customers a clear visual advantage in both industrial and creative printing.



Process colours

With SR-200+ ink series, SIGNRACER has introduced new Magenta-R and Yellow-HD (**nickel-free**) colours to expand the colour gamut beyond the traditional CMYK setup, while addressing future health standards.



Light colours

The use of Light Cyan, Light Magenta-R, and new Light Black are especially important for industrial production including, fashion and watch making. These light colours contribute to the production of fine gradients, less grainy appearance and excellent shading.



White, Varnish

Based on the strict industrial customer requirements, SIGNRACER developed new White ink formulations **without yellowing effects**. Such White is a requirement to achieve an extended colour gamut. Varnish comes in two variants for rigid and flexible media, which can be applied partially, creating a unique visual and tactile experience.



Special colours

To further enhance **extended colour gamut** ink set, we introduce **Orange** and **Violet** inks. These special colours significantly enhance colour reproduction and allow you to create prints with **rich, deep tones** that faithfully represent the original colours.



Safety and Performance

SIGNRACER SR-200+ inks are GREENGUARD Gold Certified (UL 2818) for low chemical emissions, making them suitable for sensitive interiors such as schools, hospitals, and retail spaces across Switzerland and the European Union. SR-200+ also contains no substances on the EU Candidate List of Substances of Very High Concern (SVHC), supporting transparent REACH compliance.

Rigorously tested to industrial safety standards, SR-200+ helps create healthier indoor environments through low VOC emissions. Combined with our Nickel-Free Yellow, the system aligns with Swiss precision manufacturing and European health and environmental expectations, giving print providers a compliant, safe, and future-ready solution.



Removing Nickle from the ink helps printed surfaces meet stricter, modern safety standards, especially for body-worn products. This update lets brands pair vibrant colour and industrial durability with confidence that prints are skin-safe, visually striking, and aligned with current health regulations and consumer safety expectations.

Specifications

Industrial ink with high adhesion for challenging materials and long term flexibility with plasticizer resistance.



-  **Ink Type:** LED UV
-  **Viscosity:** Low
-  **Certification:** GREENGUARD Gold
-  **Print Head Temp:** 42°C
-  **Colours:** CMYK, LC, LM, LK, Orange, Violet, White, Varnish
-  **Adhesion:** Very Good
-  **Flexibility:** Good, Long Term

-  **Scratch Resistance:** Good
-  **Solvent Resistance:** Good
-  **Curing:** Good
-  **Application:** Rigid + Roll
-  **Use Case:** Superior adhesion and wide color range for demanding materials (metal, wood, glass).
-  **Finish:** Non-sticky Matte