

SIGNRACER

PRECISION MEETS PERFORMANCE



SR-200+

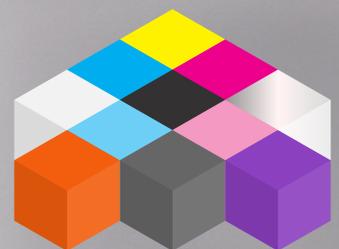
Vibrant Colours.
Industrial Strength.



GREENGUARD
Certified



Safe & Compliant



Extended
Colour Gamut

Brilliant Colours for Demanding Materials

Introduced in 2017, SR-200 HD marked SIGNRACER's first step into low viscosity inks. SIGNRACER has upgraded this ink to the SR-200+ version, incorporating significant enhancements and adjustments. The new SR-200+ inks surpass their predecessor with improvements in **adhesion**, plasticizer resistance, **flexibility**, and a **non-sticky finish**, alongside a slight increase in viscosity and the introduction of special colours like Orange, Violet, and Light Black, aligning with the newest regulatory standards and expanding creative possibilities.



Optimized Robustness

With a viscosity increase from 7.5 to 8.5 cps the SR-200+ ink has an improved abrasion behaviour and better solvent resistance.

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.

Extended Colour Gamut

The SR-200+ series introduces an extended colour gamut, including specialty colours like **Orange**, **Violet**, and **Light Black**, empowering creators with the ability to achieve precise colour matching and breathtakingly vivid graphics.

Non-Sticky Finish

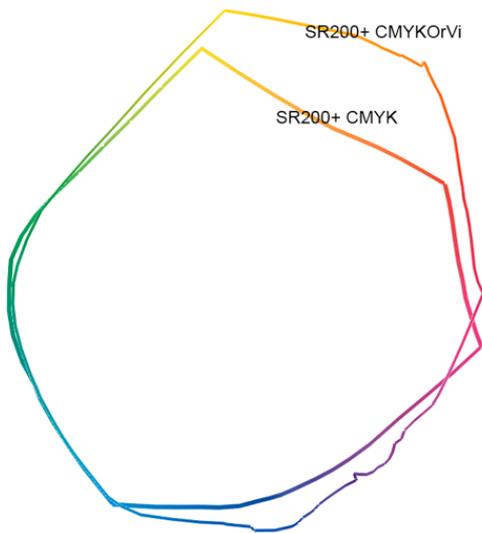
A significant improvement over the SR-200 HD, these new inks ensure that prints remain non-sticky, enhancing the textural quality and handling of the final product.

Sustainable and Compliant

In alignment with SIGNRACER GmbH's commitment to sustainability and safety, the SR-200+ inks are designed to meet the strict requirements of the latest EU regulations, ensuring minimal environmental impact and safer usage conditions. SR-200+ is a GREENGUARD GOLD certified product.

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.

GREENGUARD Gold Certified



CERTIFICATE OF COMPLIANCE

Nutec
Signracer SR-200+

333017-420
Certificate Number

24 May 2024 - 25 Jan 2026
Certificate Period

Certified
Status

UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall Finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of 0.82 h⁻¹ and a loading of 54.60 mg, and Wall Finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of 0.68 h⁻¹ and a loading of 28.40 mg.

Product tested in accordance with UL 2818 test method to show compliance to emission limits on UL 2818, Section 7.1 and 7.2.

SIGNRACER SR-200+ inks are **GREENGUARD Gold Certified**, meeting UL 2818 standards for **low chemical emissions**. This internationally recognized certification ensures that SR-200+ inks comply with the strictest **indoor air quality requirements**, making them suitable for use in sensitive environments such as schools, hospitals, and retail interiors across Switzerland and the European Union. Independently tested according to California Department of Public Health (CDPH) Standard Method V1.2-2017, SR-200+ inks contribute to healthier indoor environments by significantly reducing VOC emissions. Combined with the Nickel-Free yellow, these inks align perfectly with Swiss precision manufacturing standards and European environmental and health regulations, giving print service providers a compliant, safe, and future-proof solution.



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Journey to UV Extended Colour Gamut Inkset

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 a 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.

Ink Type	Colours	Print Head Temp.	Key Features	Adhesion	Application	Certification
SR-100 HD	CMYK	38°C	Multi-purpose ink with high solvent and scratch resistance.	Good	Roll + Some Rigids	
	White	40°C				
SR-200+	CMYK, LC, LM, LK, Orange, Violet	42°C	Enhanced performance, superior adhesion and solvent resistance, increased flexibility, extended colour gamut, non-sticky finish	Excellent	Rigid+Roll	
	White, Varnish	42°C				
PREMIUMFLEX PLUS	CMYK, LC, LM	46°C	Long term flexibility on special materials like leather, fabrics and melamine.	Good	Leather	
	White, Varnish	46°C				
SR-100 T	CMYK	38°C	Developed high consumption and fast printing on roll to roll printers.	Good	Roll to Roll	