

 SCREEN PRINTING INKS



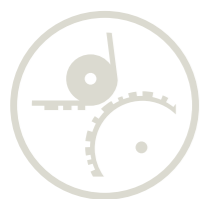
HIGH PERFORMANCE INKS FOR
SCREEN PRINTING

printcolor 
high performance inks

HIGH PERFORMANCE INKS

LEADING THE WAY

SWISS HIGH-QUALITY INKS FOR SCREEN PRINTING



The centuries-old process of screen printing remains unmatched in terms of quality even today. It produces long-lasting, durable prints of unrivaled uniformity and color brilliance. Of the same high quality as the printing technique, are the screen printing inks from Printcolor. They are resistant, of high opacity and have a wide adhesion range.



Our broad product portfolio includes UV-cured, water-based and solvent-based ink series. Thanks to our many years of experience we can offer the ideal solution for every application, be it in the fields of graphics, technology, electronics or security. The possible uses are many and varied: From paper and synthetics to metals, plastics and even glass and ceramics, screen printing can be used on various materials.



SIGNS AND INFORMATION SYSTEMS

Illuminated wayfinding systems, emergency exit signs or dangerous goods plates need to be highly durable, weather-resistant and of high quality. Stringent requirements are imposed on the inks used to print these systems, which must comply with a wide range of standards and regulations. Ink systems from Printcolor are also highly opaque and have a wide adhesion range.

SERIES 320

Fast-drying solvent-based screen printing ink for plastics

SERIES 552

UV screen printing ink for plastics

SERIES 640

2C screen printing ink for metals and plastics

SERIES 388

Universal solvent-based screen printing ink for plastics

SERIES 631

2C screen printing ink for flat glass

LABELS

Labels, for example vignettes, hazardous goods labels or test badges, are important information carriers. An attractive printed image and resistant printing inks are required. Not only do products from Printcolor fulfil these requirements, they are also brilliant, flexible and highly opaque.

SERIES 320

Fast-drying solvent-based screen printing ink for plastics

SERIES 552

UV screen printing ink for plastics

SERIES 567

UV screen printing ink for plastics

SERIES 388

Universal solvent-based screen printing ink for plastics

SERIES 560

UV screen printing ink for plastics, paper and cardboard

SERIES 655

1C and 2C screen printing ink for plastics

ILLUMINATED SIGNS

Illuminated signs are subjected to a continuously changing sequence of sometimes extreme climatic conditions and must defy rain, snow and sunshine. The materials and printing therefore have to meet the most stringent standards. Our inks are resistant to light and weather, brilliant and highly pigmented.

SERIES 320

Fast-drying solvent-based screen printing ink for plastics

SERIES 386

Thermoformable solvent-based screen printing ink for plastics

SERIES 388

Universal solvent-based screen printing ink for plastics



FOR DAILY STRAINS AND STRESSES



TOP OF WALLET

SERIES 388

- ◆ Universal solvent-based screen printing ink for plastics
- ◆ Glossy
- ◆ Highly resistant
- ◆ Highly pigmented

SERIES 631

- ◆ 2C screen printing ink for flat glass
- ◆ Excellent processability
- ◆ Excellent adhesion
- ◆ PAH- and halogen-free

SERIES 640

- ◆ 2C screen printing ink for metals and plastics
- ◆ Highly opaque
- ◆ Glossy
- ◆ Excellent chemical resistance
- ◆ Outstanding weathering properties

SERIES 655

- ◆ 1C and 2C screen printing ink for plastics
- ◆ Highly opaque
- ◆ High mechanical and chemical resistance

ELECTRICAL AND HOUSEHOLD APPLIANCES

Electrical and household appliances, so called "white goods", are exposed to many strains and stresses every day. The inks used on them must be able to withstand steam, heat or cleaning agents.

The ink systems from Printcolor are resistant to high temperatures and chemical liquids, but also boast high opacity – whether it's one of our vibrant colored inks or a non-yellowing, opaque white.

PLASTIC CARDS

With spectraCARD, we offer an unrivalled range of laminable and offset overprintable screen printing inks for manufacturing card systems made of PVC and polycarbonate.

Our high-opaque white enables the realization of cards with a transparent or colored core. If you are looking to produce transparent debit and credit cards, we recommend our high-quality infrared-absorbing solvent-based screen printing inks. Furthermore, spectraCARD includes a wide range of UV-cured and solvent-based metallic color shades and security elements such as OSI shifting effects ("optical shifting inks"), anti-scratch coatings or UV luminescent inks.

Our spectraCARD Design Manual contains visualizations of numerous colors, effects and security elements. Please do not hesitate to contact us for further information on the various possibilities of spectraCARD.

SPECTRACARD SB / SERIES 392

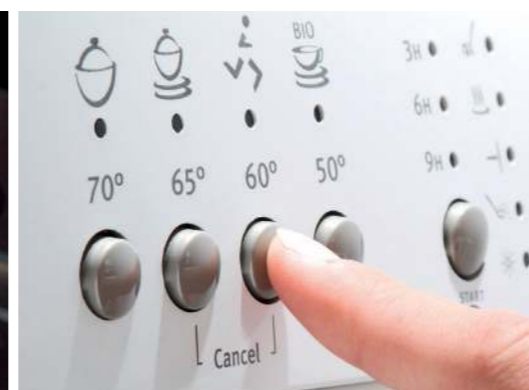
- ◆ Solvent-based screen printing ink for PVC and PC cards
- ◆ Fast-drying
- ◆ Excellent offset overprintability
- ◆ Numerous security features
- ◆ Variety of stylings and effects

SPECTRACARD UV / SERIES 592

- ◆ UV screen printing ink for PVC and PC cards
- ◆ High productivity
- ◆ Excellent offset overprintability
- ◆ Integration of security features
- ◆ Constant peel values

SPECTRACARD IRB

- ◆ IR-blocking screen printing ink for transparent PVC Cards
- ◆ Excellent absorption values
- ◆ Highly transparent
- ◆ Colorless version and wide range of colors
- ◆ Excellent peel values
- ◆ Eclipse certified



IN THE LIMELIGHT



SYNTHETIC MATERIALS AND FABRICS

Awnings, parasols, sails or sports bags must be durable and resistant to the elements. The same applies to the inks used on them. Moreover, Printcolor's ink systems are easy to process, flexible, crease-resistant and highly opaque.

SERIES 660

1C and 2C solvent-based screen printing inks

ROLLERS AND COATINGS FOR SAILS

MEMBRANE SWITCHES

Membrane switches or keyboards are used for machines, medical devices, remote controls or household appliances. This places exacting demands on ink systems. The complete solutions from Printcolor are permanently elastic, highly resistant and opaque. This harmonious combination of outstanding properties guarantees high process security and premium quality.

SERIES 347

easySWITCH – special inks for membrane switches

PRINTED ELECTRONICS

Conductive printing inks

CONTAINER PRINTING

Printing on hollow parts, tubes and cartridges allows products to be additionally enhanced, providing another means of significantly impacting the buying decision. Convince customers of your product – with inks from Printcolor. Our printing inks have excellent curing properties, chemical and mechanical resistance as well as brilliant color shades.

SERIES 537

UV screen printing ink for container printing



HERE TO STAY



BOTTLE CRATES

Bottle crates are everyday objects that are subject to a good deal of abuse over an extensive service life. They are also additional advertising spaces whose messages are intended to last for a long time. This places severe demands on the ink used: long lifetime and resistance to chemicals, scratches as well as climatic conditions. All of which are properties of our Series 640 – for your permanent message.

SERIES 640

2C screen printing ink for metals and plastics

GLASS

Printing on glass requires technically well-developed 2-component systems or special UV-cured printing inks. Printcolor offers standard series for printing on decorative glass, mirrors or packaging glass.

These standard series are complemented by a wide range of special products. The inks are resistant to chemicals, opaque or highly transparent and scratchproof.

SERIES 540

UV screen printing ink for flat glass and interior metal surfaces

SERIES 631

2C screen printing ink for flat glass





UNDIVIDED ATTENTION



HIGHEST DEMANDS

VEHICLE SIGNAGE AND TARPAULINS

Vehicles and tarpaulins are effective advertising mediums. Our ink systems not only withstand weather and light, they are also elastic and resistant to chemicals. Your message therefore remains effective – whether printed, painted, rolled or injected.

Vehicle graphics are optimally protected by the flexible and elastic protection varnishes from Printcolor.

AUTOMOTIVE

The high standards demanded when purchasing a car are reflected in the requirements of the printing inks used: automotive components are produced at great cost and must fulfil various quality standards and safety regulations.

Our inks for metals and plastics are available in a highly pigmented or glazing version. The inks are brilliant and highly resistant – be it to the weather, light or chemicals.

SERIES 384

- ◆ Solvent-based screen printing ink for soft PVC
- ◆ Silk-gloss
- ◆ Highly resistant

SERIES 386

- ◆ Solvent-based screen printing ink for plastics
- ◆ Highly pigmented, glossy
- ◆ Highly resistant
- ◆ Thermoformable

SERIES 388

- ◆ Universal solvent-based screen printing ink for plastics
- ◆ Highly pigmented, glossy
- ◆ Highly resistant

SERIES 800

- ◆ Solvent-based ink for rolling, painting and spraying
- ◆ Highly opaque, silk-gloss
- ◆ Flexible
- ◆ Resistant to plasticizers

SERIES 480

- ◆ 1C protection varnish, water-based
- ◆ Highly flexible
- ◆ Protects printings against influence of mechanical wear

SERIES 482

- ◆ 2C protection varnish, water-based
- ◆ Resistant, high-gloss
- ◆ Increases the longevity of inkjet prints

SERIES 675-003

- ◆ Flexible 2C protection varnish
- ◆ High-gloss
- ◆ Universally useable
- ◆ Improves weather and chemical resistance

SERIES 388

- ◆ Universal solvent-based screen printing ink for plastics
- ◆ Glossy
- ◆ Highly resistant
- ◆ Highly pigmented

SERIES 640

- ◆ 2C screen printing ink for metals and plastics
- ◆ Highly opaque
- ◆ Glossy
- ◆ Excellent chemical resistance
- ◆ Outstanding weathering properties

PRIMERS AND PROTECTION VARNISH SYSTEMS



OUTSTANDING, HIGH-QUALITY, ENDURING

PRINTCOLOR'S SERVICES

PRINT FINISHING

To really stand out, flyers, brochures and other advertising materials need something special. The visual, tactile, olfactory and interactive effects of the easyGRAPH range enable customers to implement exceptionally attractive designs and finishes with an impact – and thus reach their target groups even more effectively.

SERIES 560

UV screen printing ink for plastics, paper and cardboard

SERIES 590

easyGRAPH – UV effect inks for print finishing

SPECIAL EFFECTS

POINT OF SALE

High-quality and uniquely designed displays, poster boards and banners at the point of sale can aid the customer's buying decision, trigger positive emotions and boost the consumer's desire for the product. Compelling design can be achieved with many of our different ink systems, which in turn are themselves versatile and capable of being printed on various substrates.

SERIES 320

Fast-drying solvent-based screen printing ink for plastics

SERIES 420

Water-based screen printing ink for plastics

SERIES 560

UV screen printing ink for plastics, paper and cardboard

SERIES 388

Universal solvent-based screen printing ink for plastics

SERIES 552

UV screen printing ink for plastics

PROMOTIONAL ITEMS

Promotional items have a big reach, positive memo value and enduring effectiveness. This is what makes them a perfect multiplier of the advertising message – given that the design is convincing. Inks from Printcolor have a wide adhesion range, are universally useable and highly pigmented.

SERIES 388

Universal solvent-based screen printing ink for plastics

SERIES 560

UV screen printing ink for plastics, paper and cardboard

SERIES 552

UV screen printing ink for plastics

SERIES 650

1C and 2C solvent-based screen printing inks



SPECIAL COLORS AND EFFECTS

At our color matching laboratory, we can quickly define special colors and effects based on specifications or printed samples.

One of our main strengths is our ability to produce a wide variety of visual and functional color effects. Our special services for developing stylized colors and effects have made our ability to deliver unique goods and products virtually endless. However, routine tasks such as color matching of RAL, Pantone or HKS samples or swatches are also attended to with great care.

TECHNICAL DATA SHEETS – AVAILABLE AT ALL TIMES

Visit our website for the latest technical data sheets for our products. If you cannot find the data sheet you are looking for, please don't hesitate to get in touch with us. We will send you the documents as quickly as possible.

EASYMEMO SOFTWARE

Printcolor's color formulation tool easyMEMO offers you the following benefits:

- ◆ Library of color recipes for the most commonly used color series: Pantone, HKS and RAL
- ◆ Option to create customer-specific special color recipes with full administration features, independent of the ink manufacturer
- ◆ Automatic online recipe updates

Visit our website for your free [easyMEMO](#) download.

SALES PARTNERS ACROSS THE GLOBE

To provide on-site support and sales assistance, we work with regional sales agents all over the world. Our sales partners are looking forward to answering your questions regarding Printcolor products and services.

YOUR SATISFACTION IS OUR MISSION

As an owner-managed Swiss family company, we develop, produce and sell printing inks of the very highest quality. Guided by our core values of quality, innovation, flexibility, trust and a human touch, we serve our customers with approximately 100 employees, who develop and produce customized solutions and high-end standard products in proven Swiss quality. We also have a global network of sales partners to ensure that customers all over the world benefit from our expert support in their local area.

We have made producing first-rate quality inks our tradition, and satisfying our customers is a matter of course for us. To us, this means more than completing an order in a timely and flexible manner. It is about offering competent support throughout the entire process:

- › Technical data sheets and transparent documentation
- › High-quality documents and resources, e.g. easyMEMO
- › Taking into account each customer's specific requirements
- › Solution-oriented implementation
- › Experts on call
- › Quality guarantee
- › Extensive testing and qualified analyses
- › Safe and documented processes

www.printcolor.swiss

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