



INKCUPS

Sapphire[®]

**Pad & Screen
Printing Inks**

Why Sapphire®?

The finest ink in the world provided by a **GLOBAL SUPPLIER** with direct stocking warehouses on every major continent.

Our Sapphire® ink is **TRIPLE MILLED** with the highest quality pigment in order to provide the best product possible.

The Sapphire® ink series is formulated with **SUSTAINABILITY** in mind—passes all major RSL and lab tests.





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Introduction

IMPRINTED WITH
INGENUITY



Inkcups is a leading manufacturer of pad printing machines and all accompanying supplies. Inkcups strives to be the best in the industry in terms of innovation, quality and customer service by providing the best products in the industry with the expert knowledge to support them.

Inkcups offers unprecedented support. Customer service consists of true experts in printing. Professional technical support is always available in English and Spanish at no charge...ever. Large inventory and in-house production lead to fast turnaround time. Our engineering, production and assembly teams work with particular attention to detail to ensure that all products are made with detailed precision.





Our production quality and compliance teams work with particular attention to detail on printability and appearance to ensure all products are made to specification and are easy to work with.

Our Services

Solutions and support are what sets us apart



Color Matching

Our in-house color matching lab can match virtually any pantone, wet sample or substrate color. Our color matching team draws on many years of experience in the pad printing industry. Inkcups utilizes the latest technology and measuring equipment to satisfy even the most difficult color matches.

Our vast library and documentation allows for consistent repeatability no matter how small or large the batch. There are no order minimums for any ink order. We will run industry standard scratch and tape tests as well as provide a comprehensive ink test report. Once testing is completed the parts are sent back to the customer for evaluation. All services are completely free of charge.



Adhesion Testing

Inkcups will test your product free of charge! Just send it in and we will tell you exactly what series of ink is right for you. Our ink technicians will test multiple inks and then test for abrasion resistance to ensure the ink meets your adhesion needs.



Our Inks

BA SERIES

SOLVENTS



BA Series ink is a high gloss, easy to use all-purpose 1 or 2 component pad printing ink. It is a fast drying ink that adheres to a wide range of products. As a two component ink, it has an exceptional abrasion resistance and an extended pot life of 8-9 hours.

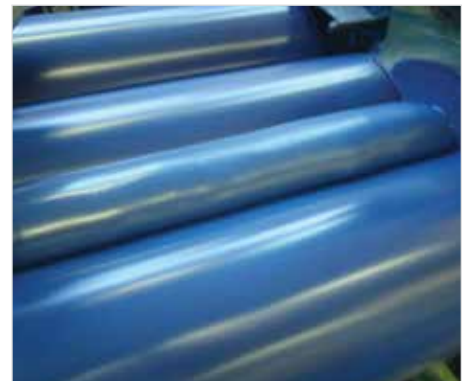
FEATURES

HIGH GLOSS

HIGH ABRASION RESISTANCE

FAST CURING

HIGHLY OPAQUE SHADES



TYPICAL APPLICATIONS:

- Pens
- Injection molded parts
- Cosmetic containers
- Medical devices
- Wood
- Packaging
- Housings

BT SERIES

SOLVENTS



Fast



> Slow



> Slower



> Slowest

BT Series ink is a high gloss, easy to process, all-purpose 1 or 2 component pad printing ink. As a two component ink, it has an exceptional abrasion resistance and an extended pot life of 8-9 hours. BT Series adheres to a wide range of products and is ideal for both pad printing and screen printing. BT Series ink works

FEATURES

HIGH GLOSS

HIGH OPACITY

EASY TO USE

HIGH ABRASION RESISTANCE



TYPICAL APPLICATIONS:

- Translucent plastics
- Injection molded products
- Ice packs
- Medical devices
- Vinyl balls
- Cosmetics & containers



CG SERIES

SOLVENTS



CG Series is a specialty 2-component pad printing ink formulated for use with glass, ceramics and metals. The print looks opaque and has a satin gloss. CG Series offers excellent adhesion and dishwasher resistance, has rapid cross-linking and improved resistance with a heat cure after printing.

FEATURES

HIGHLY OPAQUE

SATIN FINISH

11 HIGH OPAQUE SHADES

DISHWASHER SAFE



TYPICAL APPLICATIONS:

- Stainless steel mugs
- Ceramic mugs
- Glass bottles
- Coated metal parts
- Cosmetic bottles
- Light bulbs
- Faucets



J3 SERIES

SOLVENTS



J3 Series is a glossy, quick drying, versatile 1 or 2-component pad printing ink. J3's high opacity and superior resistance to adhesion and chemicals such as alcohol, acids and alkali make it the ideal choice for industrial applications and vinyl.

FEATURES

HIGH GLOSS

HIGHLY OPAQUE

HIGH ABRASION RESISTANCE

MEDICAL GRADE (CLASS VI CERT)

SUPERIOR CHEMICAL
RESISTANCE

TYPICAL APPLICATIONS:

- Medical devices
- Catheter tubes
- Dental floss dispensers
- Vinyl balls
- Injection molded products
- Cosmetics & containers



MB SERIES

SOLVENTS



MB Series is the “go to” high gloss 2-component pad printing ink with excellent adhesion to difficult substrates. MB Series is an easy to use, fast curing opaque ink series with superior mechanical and chemical resistance to alcohol, acids and alkali on metals and hard plastics.

FEATURES

HIGHLY OPAQUE

HIGH ABRASION RESISTANCE

MEDICAL GRADE (CLASS VI CERT)

SUPERIOR CHEMICAL RESISTANCE



TYPICAL APPLICATIONS:

- Stainless steel mugs
- Coated metals
- Pens & promotional products
- Automotive knobs/buttons
- Hard hats
- Containers
- Coins

PN SERIES

SOLVENTS



PN Series is a specialty ink designed for printing on untreated polypropylene. PN Series is a high gloss ink offering excellent adhesion to most polypropylene substrates. The more virgin the substrate, the greater the adhesion without requiring pre-treatment. As a 2 component ink, it has exceptional abrasion resistance and an extended pot life of 8-9 hours.

FEATURES

HIGH GLOSS

FAST CURING

PERFECT FOR

POLYPROPYLENE



SB SERIES

SOLVENTS



SB Series is a specialized 1 or 2 component pad printing ink with excellent adhesion to apparel and rubber-like substrates. The unique flexibility, high gloss and opacity makes it the ideal choice for rubberized and soft touch items. Additionally, SB Series as a 2 component ink,

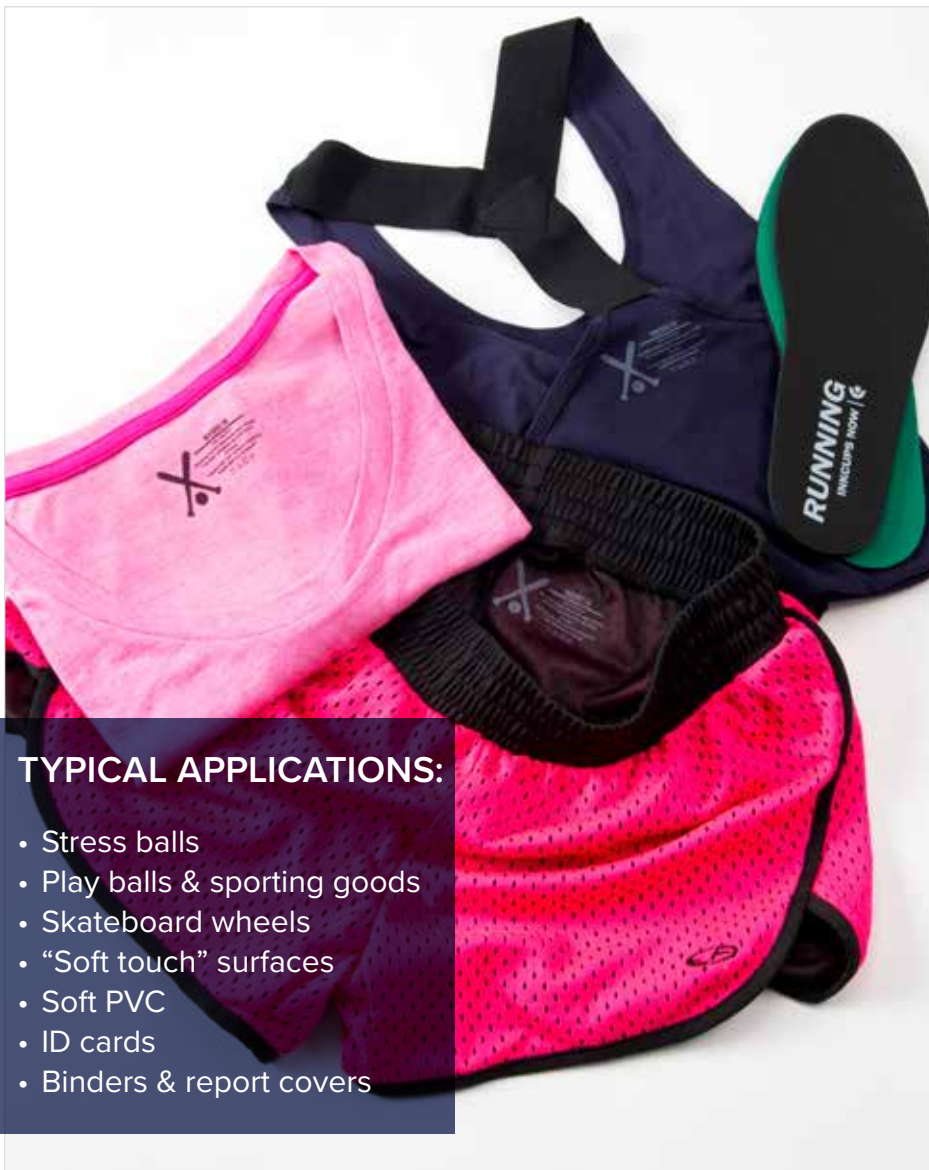
FEATURES

FAST CURING

FLEXIBLE INK

PERFECT FOR TEXTILES

HIGHLY OPAQUE SHADES



SI SERIES

SOLVENT

SI-S

SI Series is a 2-component ink solely designed to print on silicone rubber parts. Applied by either screen or pad printing, SI Series ink is opaque, glossy, flexible and exceptionally resistant to abrasion. Ideal for wristbands, phone cases, oven mitts and various silicone items where other solvent based inks can pose a challenge.

FEATURES

VERY FLEXIBLE

SLOW DRYING

WITHSTAND HIGH HEAT

PAD OR SCREEN PRINTABLE

HIGH ABRASION RESISTANCE



SI-HD

SERIES

SOLVENT

SI-HDS

SI-HD Series is a 2-component ink solely designed to print on silicone rubber parts. Applied by either screen or pad printing, SI-HD Series ink is highly opaque, glossy, flexible and exceptionally resistant to abrasion. Ideal for wristbands, phone cases, oven mitts and various silicone items where

FEATURES

EXCELLENT OPACITY

SLOW DRYING

WITHSTAND HIGH HEAT

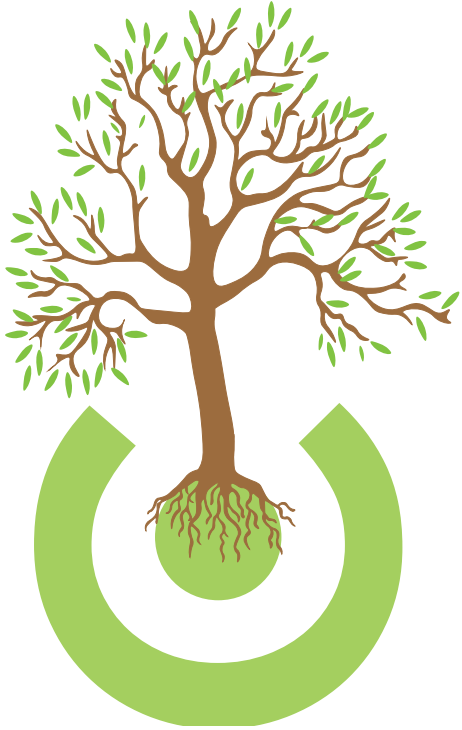
PAD OR SCREEN PRINTABLE

HIGH ABRASION RESISTANCE



Sustainability

Continuously striving
for a safer environment



Inkcups Safe Guarantee

All Sapphire ink products are non-toxic and compliant with all current US regulations as well as European toy safety (EN-71) and RoHS regulations.

All Sapphire inks have certificates from Bureau Veritas and other independent laboratories attesting the absence of lead, restricted phthalates, carcinogenic and dangerous substances as demanded by The Consumer Product Safety Improvement Act of 2008 (also known as CPSIA) and The Safe Drinking Water and Toxic Enforcement Act (also known as California Proposition 65).

The MB and J3 series are Class VI certified, meeting strict medical safety standards and can be applied to devices in direct contact with the human body.

The Sapphire SB series ink is also certified by Oeko-Tex and Bureau Veritas to not contain Azo dyes, restricted metals and PVC. In addition, the SB ink is certified by NAMSA to not cause skin irritation. Tests by Govmark Inc. demonstrated that the ink withstands at least 50 industrial washes.


CERTIFIED BY:



Sapphire® Ink Series Application

Product Information	BA	BT	CG	J3	MB	PN	SB	SI	SI-HD
Drying	Fast	Medium	Fast	Fast	Medium	Fast	Fast	Slow	Slow
Degree of Gloss	High	High	Satin	High	High	High	High	Satin	High
Standard Shades	23	23	23	17	23	22	23	15	-
High Density Shades	11	-	11	1	11	11	2	-	12
Metallic Shades	5	5	5	5	5	5	5	2	-
4-Color Process	4	4	4	4	4	4	4	-	-
Special Characteristics	Abrasion Resistance	Very Opaque	Dishwasher Resistance	Medical Grade	Medical Grade	Polypro Substrates	Textile Ink Products	Silicone	Silicone
Auxiliaries									
Solvent	M	F	M	M	M	M	SB-M	SI-S	SI-HDS
Slower Solvent	MS	MS	MS	MS	MS	MS	G		
Slowest Solvent	EB or S3	EB or S3	EB or S3	EB or S3	EB or S3	EB or S3	EB or S3		
Hardener	1000-H	1000-H	1000-HGL	1000-H	1000-H	1000-H	1000-H	SI-H	SI-HDH
Cleaner	EBD	EBD	EBD	EBD	EBD	EBD	EBD		
Adhesion Modifier							PP-1		
Material									
ABS/SAN		✓		✓	✓				
Acrylic (PMMA)	✓	✓		✓					
Anodized Aluminum			✓		✓				
Cellulose Acetate Butyrate (CAB)	✓	✓							
Glass, Ceramics	✓		✓		✓				
Laquered Surfaces, painted/coated	✓		✓		✓	✓			
Leather/Synthetic leather					✓				
Metals	✓		✓		✓	✓			
Paper, Corrugated Board	✓	✓			✓		✓		
PETG, PETA, PETE			✓						
Polyacetal (POM), Acetal/Delrin	✓				✓				
Polyamide (PA)					✓				
Polycarbonate (PC)	✓	✓	✓						
Polyester Foil, Coated		✓							
Polyethylene (PE), Pre-treated	✓	✓	✓		✓				
Polypropylene (PP), Pre-treated	✓	✓	✓		✓	✓			
Polypropylene (PP), Untreated						✓			
Polystyrene (PS)	✓	✓	✓						
Polyurethane (PU), Coated	✓	✓	✓		✓	✓	✓		
PVC, Rigid		✓							
PVC, Soft		✓		✓			✓		
Rubber							✓		
Silicone								✓	✓
Textiles, Cotton					✓		✓		
Textiles, Synthetics							✓		
Thermoplastic Elastomers (TPE)			✓				✓		
Thermosetting Plastics	✓		✓		✓				
Varnished Surfaces	✓				✓		✓		
Wood	✓	✓		✓	✓		✓		

For more information, or to request our adhesion testing services, contact us: info@inkcups.com



Inkcups is proud to share that our Sapphire ink line has better adhesion, higher abrasion resistance and faster delivery from our global warehouses at extremely competitive prices. There is no minimum for orders - so buy it and try it. We guarantee you will love it.

**Contact Inkcups:
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