



ROSSA  
Digital Textile Ink

Experience The Brilliance of The  
Digital Printing

**Product List**



### **ABOUT US**

ROSSA DIGITAL TEXTILE INK is a joint venture company established in 2023 to manufacture and market.

Reactive and Sublimation textile printing ink for any kind of fabric and for eco-friendly digital textile printing processes. Our company has enjoyed a steady growth since it was established, and expanded its product; market range through technical expertise. Over the years, our high-quality production, reliable service, honest and sincere business conduct, and warm relations of long years with clients have earned us the respect of the textile industry, and thus a considerable market share in domestic market. Our Mission is to become one of the leading manufacturers of Digital Textile Ink in the field of Textiles and success through innovation and research-driven growth

### **OUR FACILITY**

ROSSA DIGITAL TEXTILE INK manufacturing plant has its own production, warehouse, state-of-the-art laboratories, and office space. The manufacturing plants of each facility are ISO 9001:2015 certified. Both are strategically located in Narsingdi to cater the customers in and around Bangladesh.

### **R&D LABORATORY**

Technology and Innovation are at the heart of ROSSA DIGITAL INK, which is why we stay on the cutting edge of research and development for our customers. By emphasizing research and development, ROSSA offers its customers not just products, but innovative solutions and outstanding technical service for improved processes and product performance. We provide 'in-house' evaluation and testing procedures for the all the major textile processes from Preparation through Printing to Finishing. ROSSA DIGITAL TEXTILE INK believes that achieving the continuous development in business in only possible if the advanced technology is used and followed. Therefore, considerable amount of turnover is spent for new technology developments. Our R& D group is a dynamic group of experienced chemists and there are dedicated chemists to take care of production. Our well-equipped application laboratory provides the following support the market,

- Product positioning
- Competition analysis
- Marketing support
- Troubleshooting



# Reactive Digital Ink

## Product Features

- Complete chromatography, bright colour, wide gamut, pure colour light.
- Excellent printing fluency, in the industrial high-speed printing mode, showing excellent fluency, printing effect is excellent.
- Environmental protection, does not contain any APEO, heavy metals, aldehydes and other harmful chemical components, the inspection meets the environmental protection requirements of exports to Europe and America.

		C	M	Y	BK	O	B	R	G	
Kyocera Serise Ink	Washing Fastness	4-5	5	5	5	5	5	5	5	
	Light fastness	6-7	5-6	5-6	6	5-6	6-7	5-6	6-7	
	Wet rub fastness	4-5	4-5	4-5	2-3	4-5	4-5	4-5	3-4	
	Dry rub fastness	3-4	3	3-4	3-4	4-5	4-5	4-5	3-4	
	Colorfastness to perspiration	Acidic	4-5	4-5	4-5	4-5	4-5	5	4-5	4-5
		Alkailine	3-4	4-5	4-5	4-5	4-5	5	4-5	4-5
Ricoh Serise Ink	Washing Fastness	4-5	5	5	5	5	5	5	5	
	Light fastness	6-7	5-6	5-6	6-7	5-6	6-7	5-6	6-7	
	Wet rub fastness	4-5	4-5	4-5	2-3	4-5	4-5	4-5	3-4	
	Dry rub fastness	3-4	3	3-4	3-4	3-4	3-4	3-4	3-4	
	Colorfastness to perspiration	Acidic	4-5	4-5	4-5	4-5	4-5	5	4-5	4-5
		Alkailine	3-4	4-5	4-5	4-5	4-5	5	4-5	4-5
Epson Serise Ink	Washing Fastness	4-5	5	5	5	5	5	5	5	
	Light fastness	6-7	5-6	5-6	6	5-6	6-7	5-6	6-7	
	Wet rub fastness	4-5	4-5	4-5	2-3	4-5	4-5	4-5	3-4	
	Dry rub fastness	3-4	3	3-4	3-4	4-5	4-5	4-5	3-4	
	Colorfastness to perspiration	Acidic	4-5	4-5	4-5	4-5	4-5	5	4-5	4-5
		Alkailine	3-4	4-5	4-5	4-5	4-5	5	4-5	4-5
StarFire Serise Ink	Washing Fastness	4-5	5	5	5	5	5	5	5	
	Light fastness	6-7	5-6	5-6	6	5-6	6-7	5-6	6-7	
	Wet rub fastness	4-5	4-5	4-5	2-3	4-5	4-5	4-5	3-4	
	Dry rub fastness	3-4	3	3-4	3-4	4-5	4-5	4-5	3-4	
	Colorfastness to perspiration	Acidic	4-5	4-5	4-5	4-5	4-5	5	4-5	4-5
		Alkailine	3-4	4-5	4-5	4-5	4-5	5	4-5	4-5
Epson S3200 Serise Ink	Washing Fastness	4-5	5	5	5	5	5	5	5	
	Light fastness	6-7	5-6	5-6	6	5-6	6-7	5-6	6-7	
	Wet rub fastness	4-5	4-5	4-5	2-3	4-5	4-5	4-5	3-4	
	Dry rub fastness	3-4	3	3-4	3-4	4-5	4-5	4-5	3-4	
	Colorfastness to perspiration	Acidic	4-5	4-5	4-5	4-5	4-5	5	4-5	4-5
		Alkailine	3-4	4-5	4-5	4-5	4-5	5	4-5	4-5

## Sublimation Digital Ink

### Product Features

- Complete chromatography, bright colour, wide gamut, pure colour light.
- Excellent printing fluency, in the industrial high-speed printing mode, showing excellent fluency, printing effect is excellent.
- Environmental protection, does not contain any APEO, heavy metals, aldehydes and other harmful chemical components, the inspection meets the environmental protection requirements of exports to Europe and America.

Printer Head		BK	C	Y	M
Epson	DX5/ DX6/DX7	√	√	√	√
	F Series	√	√	√	√
	Epson CISS	√	√	√	√
	Mimaki Jv300	√	√	√	√
	Mimaki TS300P	√	√	√	√
Industrial Head	Konica	√	√	√	√
	Kyocera	√	√	√	√
	Panasonic	√	√	√	√
	Ricoh	√	√	√	√
	Seiko	√	√	√	√
	StarFire SG	√	√	√	√
	XAAR 1201	√	√	√	√

### Process and Condition

Grey cloth Pre-treatment- Padding - inkjet printing —Drying—Steaming (102°C-103°C, 12-15min, The time can be adjusted according to different ovens in each printing factory)-Washing (Cold water, Room temperature water)—Hot Water(80°C)—Soaping(> 95°C)-Washing (Hot Water)-Washing (Cold water, Room temperature water)-Drying



## Recommended recipe for padding

Paste powder	Xg
Carbamide Cotton Class	12-18%
Rayon Type	16-18%
Resist Salt	1%
Sodium bicarbonate	2-3%
Water	Yg
<b>Total</b>	<b>100%</b>

**Remarks: The paste powder shall be subject to the actual execution of each printing factory (refer to its recommended supply amount).**

Ink Products have obtained relevant certification



Crescent Quality  
Certification Pvt. Ltd.



Chemical, Auxiliaries, Ink & Dyes

### Disclaimer

The information and our technical advice submitted in this shade card are based on our current knowledge and experience. In view of many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiment; neither do they imply any legal binding assurance of certain properties or of suitability for a specific purpose. Rossa Digital Textile Ink actively respond to customer needs, 24 hours open sales hotline, dedicated to customer service.