



**JAYSYNTH**

**DiGiTEX**  
DIGITAL TEXTILE INK



# JAYSYNTH

Colour your Imagination

**Jaysynth**, established in 1971, has a 50 year long and innovative history in the world of Colors. Jaysynth, is well recognized in the market as a renowned and reputed manufacturer of Dyestuffs & Pigments, patronizing its colors to the Textile dyeing & printing Industry across the globe.

Keeping abreast with the changing trends of Textile Printing Industry and the demand of customers had induced us to enter into Digital Ink manufacturing. We commenced our first production of Digital Textile Inks with Reactive Dyes in the year 2005 with an objective of **"Proven Solutions of Quality & Economy"**. In the same year, our sister concern started representing Digital Textile Printing machines from reputed overseas manufacturers in the Indian market.

The combined knowledge of Colorants and Printing machines of different Printheads has helped us to test & design "Brilliant & High color yield inks for High Speed Printing". We cater Low, Medium & High Viscosities inks for Small, Medium and Large Pico liter Printheads respectively under the brand name of

Our Product mix of digital inks consists of Reactive, Pigment, Disperse and Sublimation ink for Fashion, Home Textile & Carpet industry. Quality of the inks is stringently controlled, each & every batch has to pass through series of tests i.e drop formation (size, jetting speed), resistance to Temperature & atmosphere, printability & run ability, color consistency at various resolution & passes ( **$L^*a^*b^*C^*h^*$  and  $\Delta E$** ).

Our bonding with customers is strengthened due to our consistent quality Inks and after sales support. We are committed to our customers to keep rendering novel products in accordance with the progressive technology.

Our Inks are in compliance with GOTs, OEKO Tex and Eco Passport & Reach certification.



## JAYSYNTH DYESTUFF (INDIA) LTD.

301, Sumer Kendra, Pandurang Budhakar Marg, Worli, Mumbai - 400 018. INDIA, Tel.- +91-22-49384200/4339

[digital.marketing@jaysynth.com](mailto:digital.marketing@jaysynth.com)

[www.jaysynth.com](http://www.jaysynth.com)

# DiGi TEX-R

## Reactive Inks For Textile Printing

**DiGiTEX – R**, Reactive Inks are based on Mono Chloro Triazine Reactive Dyes for Digital Textile Printing on Cotton, Viscose, Silk, Wool, Linen Fabric. Inks are available in Low medium & High Viscosities suitable for High Speed printing.

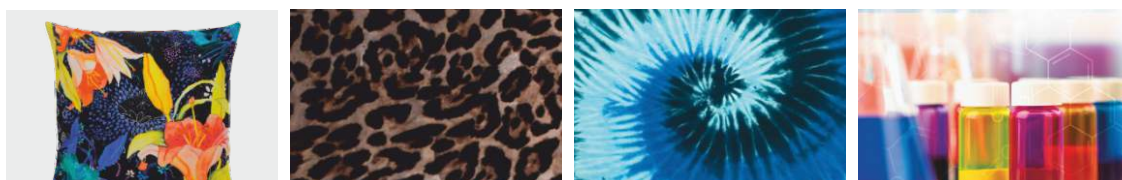
### Suitable Fabrics & Applications:

- Cotton & Viscose fabrics for Home Textile & Fashion garments
- Printing on Silk, Modified Lycra fashion garments.
- Wool & Linen fabrics.

### Features:

- High color yield & brilliancy in shades
- Enhanced print reproducibility and consistent print results on cotton, viscose, silk and wool
- Excellent coverage with high image definition
- Quick drying ensures easy handling
- Trouble free printing without nozzle clogging
- Outstanding fastness properties

Fastness Properties En Iso										
Method	Light ISO 105/B 02	Chlorinated Water ISO 105 E01			Perspiration Alkaline ISO 105 E04			Washing ISO 105 C02 at 50°C		
		CH	CO	WO	CH	CO	WO	CH	CO	WO
Cyan	6	4 - 5	5	5	4 - 5	4	4 - 5	4 - 5	4 - 5	5
Magenta	6	4 - 5	5	5	4 - 5	4 - 5	5	4	5	5
Yellow	5 - 6	4 - 5	5	5	5	5	5	5	5	5
Deep Black	4	4 - 5	5	5	4 - 5	4 - 5	5	4	4 - 5	5
Orange	4	4 - 5	4 - 5	5	4 - 5	4	5	4	5	5
Blue	6	4 - 5	4 - 5	4 - 5	4 - 5	4	4 - 5	4	4 - 5	5
Red	6	4 - 5	5	5	4 - 5	5	5	4	5	5
Grey	4	4 - 5	5	5	4 - 5	4 - 5	5	4	4 - 5	5
Light Cyan	6	4 - 5	5	5	4 - 5	4	4 - 5	4 - 5	4 - 5	5
Light Magenta	6	4 - 5	5	5	4 - 5	4 - 5	5	4	5	5



# DiGi TEX-P

## DIGITAL TEXTILE PIGMENT INK

### Eco friendly, Zero effluent textile printing

**DiGiTEX – P** series, Digital textile Pigment Inks are made of High Performance Pigments with inbuilt binder system, suitable for both roll to roll & Direct to Garment Printing. DiGiTEX-P inks with compatible Pretreatment Chemicals delivers soft hand feel with excellent fastness results.

#### Features:

- Suitable for large range of fibres and their blends (natural and synthetic)
- Applicable on wovens, knits (with and without lycra / spandex)
- Excellent colour brilliance, opacity and sharpness
- High runnability for continuous production
- Minimize water consumption: Zero liquid discharge (ZLD)
- Low carbon footprints
- Excellent wash fastness- colours & chemicals do not migrate. No bleeding or cross staining
- Highest light fastness due to high performance pigment
- Soft hand feel

Fastness	Method	Cotton	Polyester	Blends (C-P)
Light	ISO 105 B02	6-7	6-7	6-7
Crock Wet Rub	ISO105 X12	3-4	3	3-4
Crock Dry Rub	ISO105 X12	4	4	4
Wash	ISO 105 C03	4-5	4-5	4-5





# DIGI TEX-DD

## Disperse Direct Inks For Textile Printing

**DIGITEX – DD** Inks are formulated with medium to high energy Disperse Dyes Direct printing on Polyester fabrics for High Light fast requirements. Inks are available in Low medium & High Viscosities suitable for High Speed Printing.

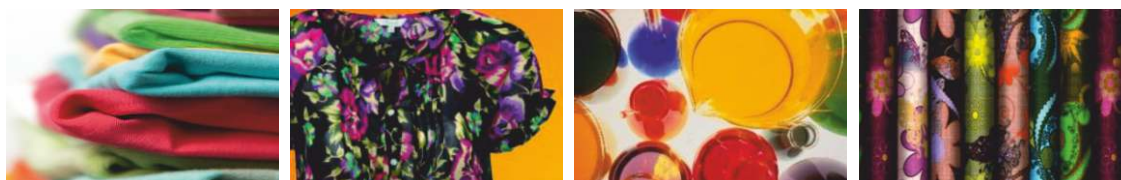
### Suitable Fabrics & Applications:

- Polyester for flags & banners printing.
- Polyester for clothing & fashion industries.
- Upholstery for home decoration.

### Features:

- Outstanding fastness properties
- Enhanced print reproducibility and consistent print results on Polyester
- Excellent coverage with high image definition
- Dries quickly and reduce wastage
- High Color yield, brightness and brilliancy

Fastness Properties En Iso				
METHOD	Light Xenon ISO/105/BO2	Wash Fastness(50C) ISO105-C06, B1M	Perspiration ISO/105/E04	
			CH	PES
Cyan	5	5	4 - 5	5
Magenta	5	5	4 - 5	5
Yellow	5	5	4 - 5	5
Black	6	4 - 5	5 - 6	4 - 5
Orange	5	5	4 - 5	5
Blue	5	4 - 5	4 - 5	5
Red	5	5	4 - 5	5
Grey	4 - 5	5	5	5



# DiGi TEX-DT

## Disperse Transfer Inks For Textile Printing

**DiGiTEX – DT** Inks are formulated with Low energy disperse dyes having tendency to sublimate at low temperature. Sublimation inks are generally printed on coated paper for heat transferring on Polyester fabric. These inks are also suitable for Direct Printing on Non-Woven Polyester Carpet & Low cut & loop pile carpets.

### Suitable Fabrics & Applications:

- Polyester for flags & banners printing.
- Polyester for clothing & fashion industries.
- Upholstery for home decoration.

### Features:

- Excellent performance
- High Productivity
- Good colour vibrancy and gamut
- Dries quickly on paper and reduce wastage
- Trouble free printing without nozzle clogging
- Enhanced print reproducibility and consistent transfer results on Polyester

Fastness Propertise			
METHOD	Light Xenon ISO/105/BO2	Wash Fastness(50C) ISO105-C06, B1M	Perspiration ISO/105/EO4
Cyan	5-6	4 - 5	4 - 5
Magenta	5-6	4 - 5	4 - 5
Yellow	5-6	4 - 5	4 - 5
Black	6	4 - 5	5
Light Cyan	5-6	4 - 5	4 - 5
Light Magenta	5-6	4 - 5	4 - 5
Fluorescent yellow	4 - 5	4 - 5	4 - 5
Fluorescent Pink	4 - 5	4 - 5	4 - 5

