

NeoRea HD

Reactive Digital Inks



For industrial inkjet printing on
cellulosic fibers & silk with high
density color without compromising
printing speed

PRODUCT DESCRIPTION

- Outstanding 9 high density color range designed for Kyocera printheads
- Saturated colors are produced without compromising printing speed
- Specially formulated to provide extended run-ability with minimal maintenance and maximum productivity
- Possible configuration with the addition of Grey and Special Black for full shade combination
- NeoRea HD is approved for Kyocera printheads
- NeoRea complies with Oekotex-Standard100, GOTS, Inditex CTW and REACH

NEOCOAT NC - FABRIC PREPARATION

Through our significant expertise in textiles, Swiss Performance Chemicals developed specific fabric preparation to enhance color vibrancy and intensity on Silk, Viscose & Cotton.

Using NeoCoat NC fabric preparation gives up to 10% higher color intensity, leading to ink cost saving & higher quality

The goods are prepared by padding with :

120 – 200 g/l	Urea **
100 – 200 g/l	NeoPad CCI
30 – 45 g/l	Soda Ash
40 g/l	NeoPad ST
10 g/l	NeoPad 36

Pick-up 70–80%

Drying 2min @ 120-140°C

**Urea: 120g/l for Cotton & 200g/l for Viscose

FIXATION CONDITIONS

- Cotton / Viscose
Steam at 102 °C/216 °F for 7–10 min
- Silk
Steam at 102 °C/216 °F for 12 min

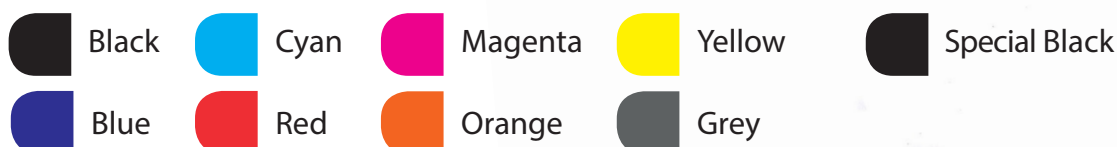
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WASHING-OFF PROCESS

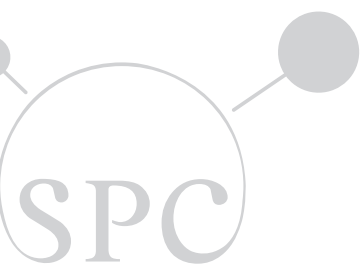
- Cotton / Viscose
Rinse 5 min with cold water
Soap for 5 min at 98 °C/210 °F
Rinse for 5 min with boiling water
Rinse at cold/warm
- Silk
Rinse 5 min with cold water
Soap for 5 min at 98 °C/210 °F
Soap for 5 min at 98 °C/210 °F
Rinse at cold/warm

AVAILABLE COLORS



FASTNESS PROPERTIES ON COTTON

	Light	Washing			Water			Perspiration						Chlorinated water
	ISO 105-B02 Xenon lamp	ISO 105-C06 @ 50 °C			ISO 105-E01			ISO 105-E04 Acid			ISO 105-E04 Alkali			ISO 105-E03 50 mg/l
NeoRea HD	Ch	Ch	WO	CO	Ch	WO	CO	Ch	WO	CO	Ch	WO	CO	Ch
Cyan	6	4-5	4-5	4-5	5	4	4-5	5	4-5	5	5	5	4-5	3-4
Magenta	3-4	4-5	5	4-5	5	4-5	4-5	4-5	4-5	4-5	5	4	4-5	3-4
Yellow	5-6	5	4-5	4-5	5	5	5	5	4-5	5	5	4-5	5	4-5
Black	5-6	4-5	4-5	5	5	5	4-5	5	4	4-5	4-5	4-5	5	4
Blue	5-6	5	5	5	5	5	5	5	5	5	5	5	5	3
Orange	3	4-5	4-5	4-5	5	4-5	5	5	4-5	4-5	5	4-5	4-5	4
Red	3-4	5	4-5	5	5	5	4-5	5	4-5	5	4	4-5	5	3-4
Grey	5-6	4-5	4-5	5	5	5	4-5	5	4	4-5	4-5	4-5	5	4
Special Black	5	5	4-5	4-5	5	5	5	5	4-5	5	5	4-5	5	4-5



Swiss Performance Chemicals

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