

Textile Effects

NOVACRON® RAC reactive inks

For ink jet textile printing with the Reggiani DReAM industrial machine



Washing off

The composition and sequence of the treatment baths depend on the fabric and machinery available.

Cotton/viscose rinse 5 min with cold water
soap for 5 min at 98°C/210°F with 2 g/l ERIOPON® R
rinse for 3 min at the boil
rinse warm/cold

Finishing

NOVACRON® RAC inks are fully compatible with all Huntsman finishing products (e.g. flame retardants, oil/water and stain repellents, easy care and UV protection).

NOVACRON® RAC reactive inks

Ink range

Wider color space

NOVACRON Yellow RAC-100



NOVACRON Orange RAC-300



NOVACRON Red RAC-500



NOVACRON Blue RAC-600



NOVACRON Turquoise RAC-700



NOVACRON Black RAC-900



Additional colors



NOVACRON Gray RAC-800



NOVACRON Strong Black RAC-950

NOVACRON® RAC reactive inks

Performance

Fastness properties

NOVACRON	Xenon lamp 240 h	Light AATCC 16E	Water ISO 105-E01			Washing 4, 95 °C/203 °F, ISO 105-C04		
	100%		Ch	CO	WO	Ch	CO	WO
Yellow RAC-100	4	L5	5	5	5	5	5	5
Orange RAC-300	2-3	L4	5	4-5	5	5	5	5
Red RAC-500	3-4	L4-5	5	5	5	5	5	5
Blue RAC-600	6-7	L6	5	5	5	5	5	5
Turquoise RAC-700	5	L5-6	5	4-5	4-5	4-5	5	5
Gray RAC-800	4-5	L5-6	5	5	5	4-5	5	5
Black RAC-900	4-5	L6	5	5	5	4-5	5	5
Strong Black RAC-950	4-5	L6	5	5	5	4-5	5	5

NOVACRON	Chlorine water ISO 105-E03 20 mg/l	Acid perspiration ISO 105-E04			Alkaline perspiration ISO 105-E04		
	Ch	Ch	CO	WO	Ch	CO	WO
Yellow RAC-100	4-5	5	5	5	5	5	5
Orange RAC-300	4	5	4-5	5	5	4-5	5
Red RAC-500	3	5	4	4-5	5	4	4-5
Blue RAC-600	3	5	5	5	5	5	5
Turquoise RAC-700	3	5	4-5	5	5	5	5
Gray RAC-800	2-3	5	4	4	5	5	4-5
Black RAC-900	4	5	4	4	5	4-5	5
Strong Black RAC-950	4	5	4	4	5	4-5	5

Reggiani printing machine

DReAM machine

DReAM

the best industrial ink jet textile printing machine

DReAM is a roll-to-roll/roll-to-folder industrial textile digital printing machine, suitable for a wide range of media (knitted, woven, non-woven, carpet, leather and other). The machine is fitted with a rubber blanket and an on-line dryer and features different entry/exit configurations. It is equipped with rugged HP-Scitex printheads and with special proprietary Aprion piezoelectric drop-on-demand technology that ensure high reliability, productivity and output.

The DReAM machine is particularly suitable for short/medium runs as well as sampling.

Originally designed for fashion and household fabrics, it also finds successful application in flags and banners, fashion accessories, home furniture and automotives.

The Reggiani Macchine's proprietary combi option adds an on-line flat screen for special effects like glittering, metallic effects, chemical resins, etc.

Main advantages

- High productivity (up to 235 sqm/h)
- Low ink consumption
- Quick time-to-market
- Wide range of media (knitted, woven, non-woven, carpet, leather and other)
- Wide range of inks (acid, reactive, direct disperse, sublimatic disperse)
- Wide range of printing width (1800, 2400, 3400 mm)
- High resolution (600 × 600 dpi)
- High reliability (embedded printheads maintenance system, unlimited printheads lifetime)
- Different entry/exit configurations
- Adjustable printheads to media distance



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