



ULTRA PURE Reactive Dyes for Digital Textile Printing

AMECTIVE[®] SF DYES

Highly-purified Reactive Liquid Dyes
and Concentrated Salt-free Powder Dyes
for Digital Ink Formulation



ABOUT US

AMTEX, a globally recognized manufacturer of printing inks, is proactively investing in digital printing, emphasizing innovation, creativity, quality, and sustainability. Leveraging our expertise, we offer economic advantages alongside expanded design possibilities, thereby unlocking fresh business prospects in digital textile printing.

Professionally, the realm of digital textile printing stands as the swiftest expanding sector within textile printing. More and more printing mills are transitioning from traditional to digital methods. Despite over 20 billion linear meters of printed textiles being produced annually, digital printing currently accounts for only about five percent of this output. Nonetheless, digital textile printing sees an average growth rate of approximately 25% each year.























AMTEX boasts production capabilities encompassing salt-free dye powders and customized inks tailored to the specific requirements of leading digital print-head brands.























Benefit(s) from AMTEX's Digital Printing Expertise:

- ▶ Faster Response to Market Demands.
- ▶ Minimize Risk of Stockouts.
- ▶ Establishing collaborative networks with industry-leading machinery manufacturers, digital printing process houses, textile sectors, training centres, and renowned brands.
- ▶ Advanced research and development laboratories dedicated to purifying dyes and pioneering process advancements.





AMECTIVE® SF DYES	Highly-purified concentrated salt-free spray-dried Powder Dyes for Digital Reactive Ink Formulation										
	SHADES	MCT/VS	pH	MOISTURE CONTENT	HPLC PURITY	ION CONTENT (IN PPM)					
						CHLORIDE	SULFATE	CALCIUM	MAGNESIUM	IRON	ALUMINIUM
YELLOW 95 SF		MCT	6.5-8	<6%	>96%	<300	<100	<50	<50	<50	<5
YELLOW 95.1 SF		MCT	6.5-8	<6%	>96%	<300	<100	<50	<50	<50	<5
YELLOW 181 SF		MCT	6.5-8	<6%	>91%	<300	<100	<50	<50	<50	<5
ORANGE 12 SF		MCT	6.5-8	<6%	>93%	<300	<100	<50	<50	<50	<5
ORANGE 13 SF		MCT	6.5-8	<6%	>93%	<300	<100	<50	<50	<50	<5
RED 24 SF		MCT	6.5-8	<6%	>96%	<300	<100	<50	<50	<50	<5
RED 24.1 SF		MCT	6.5-8	<6%	>96%	<300	<100	<50	<50	<50	<5
RED 245 SF		MCT	6.5-8	<6%	>96%	<300	<100	<50	<50	<50	<5
RED 218 SF		MCT	6.5-8	<6%	>96%	<300	<100	<50	<50	<50	<5
RED 45.1 SF		MCT	6.5-8	<6%	>97%	<300	<100	<50	<50	<50	<5
BLUE 72 SF		MCT	6.5-8	<6%	EXCELLENT	<300	<100	<50	<50	<50	<5
BLUE 15 SF		MCT	6.5-8	<6%	EXCELLENT	<300	<100	<50	<50	<50	<5
BLUE 49 SF		MCT	6.5-8	<6%	>93%	<300	<100	<50	<50	<50	<5
BLACK 39 SF		MCT	6.5-8	<6%	>92%	<300	<100	<50	<50	<50	<5
BLACK MIX R SF		MCT	6.5-8	<6%	>92%	<300	<100	<50	<50	<50	<5
BLACK MIX G SF		MCT	6.5-8	<6%	>92%	<300	<100	<50	<50	<50	<5
BROWN 11 SF		MCT	6.5-8	<6%	>94%	<300	<100	<50	<50	<50	<5
BROWN PLN SF		MCT	6.5-8	<6%	>92%	<300	<100	<50	<50	<50	<5
BLACK 8 SF		MCT	6.5-8	<6%	>90%	<300	<100	<50	<50	<50	<5
ORANGE 78 SF		VS	5.5-7	<6%	>90%	<300	<100	<50	<50	<50	<5
BLACK 5 SF		VS	5.5-7	<6%	>90%	<300	<100	<50	<50	<50	<5
DEEP BLACK N SF		VS	5.5-7	<6%	>90%	<300	<100	<50	<50	<50	<5

AMECTIVE® SF DYES FASTNESS LEVELS ON 20%	SHADES	LIGHT ISO 105- B02	LIGHT AATCC 16E 20 AFU	PERSPIRATION ISO 150-E04		WASHING (50 C) AATCC 61-2A	CHLORINE WATER (20 PPM) ISO 105-E03	CROCKING	
				ALKALINE	ACID			DRY	WET
YELLOW 95 SF		5-6	4-5	4-5	4-5	5	4	4-5	4
YELLOW 95.1 SF		5-6	4-5	4-5	4-5	5	4	4-5	4
YELLOW 181 SF		5-6	4-5	5	4-5	5	4	4-5	4
ORANGE 12 SF		5-6	4-5	5	4-5	5	4	4-5	4
ORANGE 13 SF		4-5	4	5	4-5	5	4	4-5	4
RED 24 SF		5	4	3-4	4	5	4	4-5	4
RED 24.1 SF		5	4	3-4	4	5	4	4-5	4
RED 245 SF		5	4-5	4-5	4-5	4-5	4-5	4-5	4
RED 218 SF		4-5	4	4-5	4-5	4-5	4-5	4-5	4
RED 45.1 SF		5	4-5	4	4	4-5	4-5	4-5	4
BLUE 72 SF		5	4	4-5	4	4-5	3	4	3-4
BLUE 15 SF		5-6	5	5	5	5	4	4-5	4
BLUE 49 SF		5-6	4-5	4-5	4-5	5	3-4	4-5	4
BLACK 39 SF		5	4-5	4-5	4-5	4-5	4-5	4	3-4
BLACK MIX R SF		5	4-5	4-5	4-5	4-5	4-5	4-5	4
BLACK MIX G SF		5	4-5	4-5	4-5	4-5	4-5	4-5	4
BROWN 11 SF		5	4-5	5	4-5	4-5	3-4	4-5	4
BROWN PLN SF		5	4-5	5	4-5	4-5	4	4-5	4
BLACK 8 SF		4	4-5	4	4-5	4	3	4-5	4
ORANGE 78 SF		4	4	4-5	4-5	4	2	4-5	4
BLACK 5 SF		5	4-5	4-5	4-5	4-5	2-3	4	3-4
DEEP BLACK N SF		5	4-5	4-5	4-5	4-5	3	4	3-4



Experience, Expertise, Excellence :

Expect More...



Amtex Dye-Chem Industries

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This Dyestuff selection / Recipe / Information is made in order to meet, excellent dyeing performance backed by excellent reproducibility. However cannot be extended to cover every possible case. So please confirm the recipes & respective fastness on your end. This is intended to service as non-binding guidelines.



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