



DYE ROAD MAP



PRODUCT >	Acid Dye	Basic Dye	Procion MX	iDye Natural	iDye Poly	SolarFast	Indigo	Green Label Silk Colors	Red Label Silk Colors	Super Fast Acid Dye for Wool	Cochineal	Concentrated Vinyl Sulphon	Dye-Na-Flow Fabric Paint	Piñata Alcohol Ink
Temperature / Heat	180°F / 80°C	Room temperature to 160°F / 70°C	Room temperature to 32°F / 0°C	180°F / 80°C	212°F / 100°C	Room temperature, above 40°F / 4.44°C	Room temperature or higher	Sets with steam at 212°F / 100°C or fixative	Sets with steam at 212°F / 100°C	180°F / 80°C	180°F / 80°C	Sets with steam at 212°F / 100°C	Room temperature. Fix by ironing.	Room temperature
Product Notes	Exceptionally vibrant color for protein fibers	Brighter colors than any other dye class	Superior permanence	Best for over-dyeing	The only option for polyester	Fixed by exposure to sunlight (UV)	Natural vat dye ("blue jean dye")	Ready-to-use formulation for silk painting	Concentrated versatile liquid color	Specially formulated for difficult protein fibers	Natural acid dye. Mordant required for cellulosic fibers	Maximally concentrated versatile liquid dye	Fluid fabric paint that simulates a dye	All-surface alcohol ink
Soluble In Alcohol	—	Yes	—	—	—	—	—	< 1% as a wetting agent	< 1% as a wetting agent	—	—	< 1% as a wetting agent	—	Yes
Soluble In Acetone	—	Yes	—	—	Yes	—	—	—	—	—	—	—	—	Yes
MATERIALS	cellulose fibers	Cotton	—	Excellent	Excellent	—	Excellent	—	Excellent	—	Good	Excellent	Excellent	Good
		Linen	—	Excellent	Excellent	—	Excellent	—	Excellent	—	Good	Excellent	Excellent	Good
		Rayon	—	Excellent	Excellent	—	Excellent	—	Excellent	—	Good	Excellent	Excellent	Good
		Viscose	—	Excellent	Excellent	—	Excellent	—	Excellent	—	Good	Excellent	Excellent	Good
		Bamboo	—	Excellent	Excellent	—	Excellent	—	Excellent	—	Good	Excellent	Excellent	Good
		Hemp	—	—	Excellent	—	Excellent	—	Excellent	—	Good	Excellent	Excellent	Good
		Paper	—	Excellent	Good	—	Excellent	Good	Excellent	—	Good	Excellent	Excellent	Excellent
	protein fibers	Wood / Reeds	—	Excellent	Good	—	Excellent	—	Good	—	—	—	Excellent	Excellent
		Silk	Excellent	Excellent	Good (use acid, not Soda Ash)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
		Wool	Excellent	Excellent	—	Good	Excellent	—	—	Excellent	Excellent	—	Excellent	Good
		Alpaca	Excellent	Excellent	—	Good	Excellent	—	—	Excellent	Excellent	—	Excellent	Good
		Feathers	Excellent	Excellent	—	Excellent	—	—	—	Excellent	Excellent	—	Excellent	Good
		Leather	Excellent	Excellent	—	Good	—	Excellent	—	Excellent	Excellent	—	Excellent	Excellent
		Hide	Excellent	Excellent	—	Good	—	Excellent	—	Excellent	Excellent	—	Excellent	Excellent
	synthetic fibers	Animal Fur	Excellent	Excellent	—	—	Excellent	Good	—	Excellent	Excellent	—	Good	Good
		Easter Eggs	Excellent	Crystal Violet only	—	—	—	—	—	Excellent	Excellent	—	Good	Excellent
		Nylon	Excellent	Excellent	—	Good	Excellent	Good	—	Excellent	Good	—	Excellent	Good
		Acrylic	—	Excellent	—	Fair	—	—	—	—	—	—	Good	Good
		Polyester	—	—	—	Excellent	—	—	—	—	—	—	Good	Good
		Spandex	Excellent	Excellent	—	Good	Excellent	Good	—	Excellent	—	—	Excellent	Good
		Frisbees	—	—	—	—	Excellent	—	—	—	—	—	—	Good
		Wigs / Faux Fur (Acrylic)	—	Excellent	—	—	Fair	—	—	—	—	—	—	Good
		Wigs (Polyester)	—	—	—	—	Excellent	—	—	—	—	—	—	Good
		Wigs (Nylon)	Excellent	Excellent	—	Good	Excellent	—	—	Excellent	Good	—	—	Good
		Polycarbonate Plastic	—	—	—	—	Excellent	—	—	—	—	—	—	Excellent
		Nylon Plastic (3D Printed Parts, etc.)	Excellent	—	—	Good	Excellent	—	—	Excellent	—	—	—	Excellent
		Worbla-Transparent	—	—	—	—	Excellent	—	—	—	—	—	—	Excellent
		Epoxy Resin	—	Excellent	—	—	Excellent	—	—	—	—	—	—	Excellent
AUXILIARIES	Salt	Optional	N/A	Optional; increases depth of shade	Optional; increases depth of shade	—	—	Optional for special effects	Optional for special effects	Optional	Optional	Optional for special effects	Optional for special effects	—
	Urea	Improves solubility, necessary for hand painting	Improves solubility in water	Improves color yield in tie dyeing, printing and batching applications	—	—	Improves prints made without film / glass	Improves color when steaming	Improves color when steaming	Improves solubility	Improves solubility	Improves color when steaming	—	—
	Soda Ash	N/A	N/A	Vital	—	May lighten dye slightly when heated	—	Vital	—	Optional for cotton (baking soda preferred)	—	Optional for cotton (baking soda preferred)	—	—
	Acid (Citric Acid or Vinegar)	Vital	Vital in water	Only used when dyeing silk	Vital when dyeing silk	—	—	Used to neutralize silk and wool in rinse	Pre-acidified	For silk	Vital for silk and wool	For silk	—	—
	Color Remover	Compatible	Not Compatible	Compatible	Compatible	Not Compatible	Not Compatible	Used as a reducer in Indigo vat	Compatible	Compatible	Compatible	Compatible	Not Compatible	Not Compatible
	deColourant	Compatible	Not Compatible	Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Compatible	Compatible	Compatible	Compatible	Not Compatible	Not Compatible
	Color Magnet	Compatible	Not Compatible	Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Compatible	Compatible	Compatible	Compatible	Not Compatible	Not Compatible
	iDye Fixative	Compatible	Not Compatible	Compatible	Excellent	Not Compatible	Not Compatible	Not Compatible	Compatible	Compatible	Compatible	Compatible	Not Compatible	Not Compatible
	Permanent Dyeset Concentrate	Compatible	Not Compatible	Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Compatible for fixing at room temperature	Improves washfastness	Improves washfastness	Compatible	Not Compatible	Not Compatible
	Reactive Dye Fixative	Compatible	Not Compatible	Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Compatible	Compatible	Compatible	Compatible	Not Compatible	Not Compatible
	Synthrapol (Detergent)	Excellent	Good	Excellent	Excellent	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	—	Not Compatible
	SolarFast Wash	Excellent	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	—	Not Compatible