



## Product Range

### MS Basic Colors

Article no.	Color	HP			Article no.	Color	HP		
850-1000	MS light yellow	•			850-3300	MS magenta	•		
850-1100	MS medium yellow	•			850-4000	MS violet	•		
850-1200	MS dark yellow	•			850-5000	MS blue	•		
850-2000	MS orange	•			850-6000	MS green	•		
850-3000	MS red	•			850-8000	MS black	•		
850-3100	MS magenta red	•			850-9000	MS white	•		

**HP** High pigmented

Note: all acronyms used in this chart are explained in detail on the last page of this data sheet..

### Other Colors

<b>ST standard colors</b>	<a href="http://www.printcolor.ch/stcolorguide">www.printcolor.ch/stcolorguide</a> or ST Color Chart		
<b>ST Metallics</b>	<a href="http://www.printcolor.ch/stcolorguide">www.printcolor.ch/stcolorguide</a> or ST Color Chart		
<b>ST Neon Colors</b>	<a href="http://www.printcolor.ch/stcolorguide">www.printcolor.ch/stcolorguide</a> or ST Color Chart		
<b>Special Colors</b>	Pantone®, HKS, RAL and after customers sample		
<b>Others</b>	Series 850-00	ST opaque white, glossy	
	Series 850-00/MT	ST opaque white, mat	
	Series 850-05	Varnish	
	Series 850-33	ST black	

## Auxiliaries

<b>Thinner</b>	Series 850-017	<b>Addition ratio</b>	5-15% by weight
<b>Retarder</b>	Series 850-018	<b>Addition ratio</b>	5-15% by weight
<b>Hardener</b>	Series 850-GLH	<b>Addition ratio</b>	5-10% by weight
	Series 850-GL		2-6% by weight

Note: a detailed overview of all available auxiliaries can be found in a separate data sheet.

## Processing

### Mesh

All commercially available polyester mesh from 77 up to 180 threads/cm can be used.

### Stencils

All commercially available stencils can be used.

### Drying

Drying of Series 850 depends on the layer thickness as well as on the substrate and the auxiliaries used.

Usual parameters are (without addition of retarder):

<b>Air</b>	Physically fast drying
<b>Oven (recommended)</b>	Approx. 10 minutes at 200°C up to approx. 30 minutes at 100°C

## Special Features & Tips

<b>Series 850-IR</b>	Please consult the separate technical data sheet for information on IR transparent color shades of Series 850.
<b>Series 850-HW</b>	Special hardener for white (addition ratio 5-10% by weight)

## Productivity

Depending on the color shade, a productivity of 75-95 m<sup>2</sup>/kg is to be expected with press-ready ink and use of a mesh 140.31.

## Others

<b>Delivery</b>	1 kg / 5 kg / 25 kg
<b>Certificates / Standards</b>	<a href="http://www.printcolor.ch/zertifikate">www.printcolor.ch/zertifikate</a>
<b>Other</b>	Stir well before use. Information on shelf life can be found on the cover label.

### Basic Color Systems

HP Basic Color Mixing System with high pigmented basic colors.

### Safety Information

Actual Material Safety Data Sheets according to EC-Regulation 1907/2006 are available for all products, mentioned in this data sheet.

Issued on	Revision on	Edited by	Version
24/11/2014	14/02/2018	T13 / T12	4

### Important Information

Our technical advice whether spoken, written, or through test trials corresponds to our current knowledge to inform about our products and their use. This is not meant as an assurance for certain properties of the products nor their suitability for each application. You are, therefore, obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for specific applications is exclusively your responsibility. Should, however, any liability claims arise, such claims shall be limited to the value of the goods delivered by us and utilized by you with respect to any and all damages not caused intentionally or by gross negligence.