

Series 800

Solvent-based Ink for Rolling, Painting and Spraying

Series 800 is a silky glossy and highly opaque ink for rolling, painting and spraying for application on PVC tarpaulins. The ink film is permanently flexible

and resistant to plasticizers. Typical applications are tarpaulins for trucks and promotional banners.

Application

- › Tarpaulins for trucks
- › Promotional banners
- › Inflatables (bouncy castles)

Substrates

Substrate	Suitability	Hints
PVC tarpaulins	★★★★★	

Legend ★★★★★ Very well suited ★ Detailed pre-tests necessary

Properties / Characteristics

Feature	Rating	Hints
Alcohol- and gasoline resistance	★★★★★	
Resistance to adhesives	k. A.	
Block resistance	★★★★★	
Flexibility	★★★★★	
Gloss	★★★	Silky glossy
Resistance to hand sweat	★★★★★	
Light fastness	★★★★★	Does not apply to Neon Colors (see note under «Other Colors»)
resistance against marking	★★★★★	
Pigmentation	★★★★★	
Temperature resistance	★★★	
Drying	★★★★★	
Weather resistance	★★★★★	

Legend ★★★★★ Very good product properties n/a No information available
 ★ Product properties not available

Product Range

MS Basic Colors

Article no.	Color	HL				Article no.	Color	HL			
800-1010	MS yellow	•				800-3200	MS dark red	•			
800-1050	MS pure yellow	•				800-3300	MS magenta	•			
800-1100	MS medium yellow	•				800-4000	MS violet	•			
800-1150	MS dark yellow	•				800-5000	MS blue	•			
800-1300	MS yellow orange	•				800-6000	MS green	•			
800-1850	MS pure orange	•				800-8000	MS black	•			
800-2950	MS red	•				800-9000	MS white	•			

HL High light fast

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

Other Colors

ST standard colors	www.printcolor.ch/stcolorguide or ST Color Chart	
ST Metallics	www.printcolor.ch/stcolorguide or ST Color Chart	
ST Neon Colors*	www.printcolor.ch/stcolorguide or ST Color Chart	
Special Colors	Pantone®, HKS, RAL and after customers sample	
Others	Series 800-00	ST opaque white, glossy
	Series 800-05	Varnish
	Series 800-05/MT	ST Varnish, mat
	Series 800-07	MS Binder
	Series 800-33	ST black

* Note: The Neon Colors are not suitable for a medium or long-term outdoor use. The contained fluorescent pigments are not resistant to direct sunlight and fade.

Auxiliaries

Roll- and paint thinner	Series 800-743	Addition ratio	20 - 40% by weight
Spray thinner	Series 800-377	Addition ratio	20 - 40% by weight

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

Processing

Stencils

It is necessary to use suitable stencil material which is not being attacked by the solvents.

Drying

Drying of Series 800 depends on the layer thickness as well as on the substrate and the auxiliaries used.

Usual parameters (without addition of retarder):

Air	Physically fast drying at 20°C ambient temperature / 50% relative humidity.
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Further Processing

- › Punching
- › Cutting

Special Features & Tips

Additional flexibilisation	If required for additional flexibilisation Binder Series 800-07 (5-10 % by weight)
Protective varnish	Series 482-5700 2C UV protection varnish (see technical data sheet)
Tarpaulin cleaner	Series 10-002 mild cleaner for removal of ink residues

Productivity

10 to 15 m² of material can be coated with 1kg of ink.

Others

Delivery	1 kg / 5 kg / 25 kg
Certificates / Standards	www.printcolor.ch/zertifikate
Other	Stir well before use.
	Information on shelf life can be found on the cover label.

Basic Color Systems

HL High light fast color for long-term outdoor use.

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
01/09/2015	15.09.2021	T30	5

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.