



## *SUPRAMETAL S/H 8850/13/S - VMP Silver*

<b>Description :</b>	<b>Superior metallic effect Silver for rotogravure solvent-based</b>												
<b>Properties :</b>	<p>SUPRAMETAL S/H 8850/13/S formulation is based on a <b>VMP</b> (Vacuum Metallised Pigment).</p> <p>The objective of SUPRAMETAL S/H 8850/13/S is to simulate the metallic effect of hot/cold stamping foil or metallized substrates. Printed in-line, it provides a very good economic alternative to these processes</p> <p>SUPRAMETAL S/H 8850/13/S is recommended where <b>very bright metallic effect</b> and <b>outstanding brilliance</b> are required (luxury packaging, beers &amp; wines labels...)</p> <p>SUPRAMETAL S/H 8850/13/S provides <b>exceptional rub resistance</b>.</p>												
<b>Application :</b>	<p>Solvent-based rotogravure</p> <p>Recommended printing parameters :</p> <table><tr><td>- Cylinder engraving :</td><td>60 - 100 l/cm (150 - 250 l/in)</td></tr><tr><td>- Coverage :</td><td>4,5 - 8 g/m<sup>2</sup></td></tr><tr><td>- Speed :</td><td>80 - 160 m/min</td></tr></table> <p>(contact your cylinder supplier)</p>	- Cylinder engraving :	60 - 100 l/cm (150 - 250 l/in)	- Coverage :	4,5 - 8 g/m <sup>2</sup>	- Speed :	80 - 160 m/min						
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<b>Characteristics :</b>	<table><tr><td>Pigment :</td><td colspan="2">Non-leaving VMP Average particle size : approx. <b>13 µm</b></td></tr><tr><td>Ink :</td><td>Binder system :</td><td>Nitro-Cellulose</td></tr><tr><td></td><td>Specific gravity :</td><td>Approx. 1,1 g/cm<sup>3</sup></td></tr><tr><td></td><td>Viscosity (Ford 4 cup, 23 °C) :</td><td>25 - 35 seconds</td></tr></table>	Pigment :	Non-leaving VMP Average particle size : approx. <b>13 µm</b>		Ink :	Binder system :	Nitro-Cellulose		Specific gravity :	Approx. 1,1 g/cm <sup>3</sup>		Viscosity (Ford 4 cup, 23 °C) :	25 - 35 seconds
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<b>Viscosity reducers :</b>	<p>Ethyl acetate Methoxy propanol (ratio to be adjusted on desired drying properties) The use of other solvents, especially ethanol, may affect the metallic effect.</p>												
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<b>Substrates :</b>	<p>Coated paper and board, suitably treated synthetic substrates (Corona or Topcoat) Prior tests are recommended</p>												
<b>Cleaning :</b>	<p>Solvents or traditional cleaning products for solvent based inks (contact your cylinder supplier)</p>												
<b>Shelf life :</b>	<p>6 months from manufacturing date in the original unopened container</p>												
<b>Storage conditions :</b>	<p>Store between <b>15 and 25°C</b>. Keep away from sunlight and excessive heat and cold</p>												
<b>Packaging :</b>	<p>25 Kg</p>												

**Remarks :**

Metallic pigment may settle down  
Mix thoroughly and gently before  
use

**Metallic colors :**

It is possible to achieve very bright and intense metallic colours using transparent inks printed on top of SUPRAMETAL S/H 8850/13/S

SUPRAMETAL S/H 8850/13/S is based on a Non-Leafing Aluminium pigment, **VMP type** (Vaccum Metallised Pigment): while the ink is drying, the flakes do not agglomerate on top of the printed film.

This particular characteristic renders the ink suitable for toning to achieve metallic shades and imitation Gold in particular. **Dyes solutions**, as opposed to organic toners and pigment suspensions, are not detrimental to the overall metallic brilliance because they do not compete with the metallic pigment

Please contact RADIOR for recommendations