

Serie  
*Series*

# 1009

Applications	stainless steel, aluminium, ceramics, iron, generic metal, chromate metal, treated polyacetal (hard-plast), glass					
Features:	Two-component Ink. Glossy finish, good opacity and excellent adhesion. To print on glass or chromium, in order to prevent the printed film from scarce adhesion, cracks or bulking, always clean accurately the support and remove humidity in furnace at 35-40°C. Being a two-component ink, the hardener 1000H-GL must always be added.					
Outdoor Resistance	Not suitable for printed objects destined to long-term outdoor exposure.					
Mechanical and chemical solidity:	Resistance to acids and diluted bases, gasoline, alcohol, diesel oil and water. Excellent resistance to abrasion (Taber test). Suitable also for silver-plating. If a particular resistance to water or chemical agents is required, the printed film must be treated in furnace at 130°C for 10-15 minutes.					
Drying process:	20-30 minutes at room temperature. 5 minutes in furnace (140°C). It takes about 7/8 days to obtain a complete polymerization and hardening of the printed film. Pot life: 8/12 working hours at room temperature.					
Colour range:	Refer to the TWO-COMPONENT, INK SYSTEM, METALLIC colour card. HD colours (high opacity) are available. 1009 Series ink colours can be mixed with each other but never with other series inks, in order not to affect the quality. Metallic colours 79-010, 79-050 must be prepared with their respective pastes according to below scheme: <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Silver Paste 79-050</td> <td style="text-align: right;">1009 (70 TR) 1:4 – 5</td> </tr> <tr> <td>Other Silver Pastes</td> <td style="text-align: right;">1009 (70 TR) 1:6 – 7</td> </tr> </table> Colours RE 75, 76, 77, 78, 79-050, outdoor resistant, are supplied ready for use. It is always recommended to carry out preventive overprinting tests.		Silver Paste 79-050	1009 (70 TR) 1:4 – 5	Other Silver Pastes	1009 (70 TR) 1:6 – 7
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Auxiliaries and additives:	Fast thinner Medium thinner Slow thinner Hardener 1000H-GL Levelling additive M2000 Antisilicone Universal anti-foam agent	1000 DR 1000 DM 1000 DL ratio 20:1 1-2% Max 1-2% Max 0,5-1%				
Ink removal:	Sericom DACS solvent					

#### PRODUCT CLASSIFICATION:

The 1009 Series inks are classified as NT (non-toxic) and are formulated with pigments which are free from heavy metals. Safety Data Sheets are available, according to UE regulation. Main indications are carried on the product label. Not suitable for contact with food (not conform to FDA).

#### NOTE:

Our technical consultancy, carried out by word, by writing or through tests and experiments, is based on our best knowledge.

Said consultancy, however, must be considered as pure information with no binding value, even when regarding eventual property rights of third parties.

This does not exempt the customer from carrying out his own controls on our products, in order to check their suitability or not for the processes and purposes required.