

Serie
Series

2004

Applications	abs, aluminium, coated paper, wood, generic metal, mylar, treated petg, treated polyacetal (hard-plast), polycarbonate, treated polyester, treated polyethylene, polymethacrylate, treated polypropylene, polystyrene, polyurethane, self-adhesive pvc, hard pvc, lacquered surfaces													
Features:	One and two-component Ink. Fast drying, glossy finish and good opacity. If used as two-component ink, hardener 1000H-N in ratio of 10:1 (10%) must be added.													
Outdoor Resistance	The pigments' solidity rate is between 6 and 8 DIN on the WOOL scale. Recommended for outdoor exposure. If mixed with transparent bases 70TR or TP or with white colours 160 or 60BN, the light fastness and the resistance to atmospheric agents are decreased. To increase the outdoor resistance, the addition of the ADDITIVE UV ADSORBER in ratio of 5-7% is recommended.													
Mechanical and chemical solidity:	Resistant to crashes, frictions (3H hardness), alcohol, gasoline (80-100 stresses with 1 Kg. weight). Preventive tests are recommended. Lab tests were carried out on completely dry film in muffle at 60°C). The chemical-physical properties of the printed film are strengthened by adding the hardener.													
Drying process:	15-20 minutes at room temperature. 3-5 minutes in furnace (50°C). The polymerization is complete 7-8 days after hardener addition. Pot-life: 6-7 working hours at room temperature.													
Colour range:	Refer to the TWO-COMPONENT, INK SYSTEM, METALLIC colour card. Colours B75, B76, B77, B79, 79-010, 79-020, 79-030, 79-050 must be prepared with their respective pastes according to below scheme: <table border="0" style="width: 100%;"> <tr> <td>Gold Pastes</td> <td>2004 (70 TR) 1:3 – 4</td> </tr> <tr> <td>Silver Pastes B79</td> <td>2004 (70 TR) 1:4 – 5</td> </tr> <tr> <td>Other Silver Pastes</td> <td>2004 (70 TR) 1:6 – 7</td> </tr> </table> It is always recommended to carry out preventive overprinting tests.		Gold Pastes	2004 (70 TR) 1:3 – 4	Silver Pastes B79	2004 (70 TR) 1:4 – 5	Other Silver Pastes	2004 (70 TR) 1:6 – 7						
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Auxiliaries and additives:	<table border="0" style="width: 100%;"> <tr> <td>Medium Thinner</td> <td>2004-DM</td> </tr> <tr> <td>Hardener 1000H-N</td> <td>10:1 (10%)</td> </tr> <tr> <td>Hardener 1000H-N-00</td> <td>8% = 12:1</td> </tr> <tr> <td>Spreader M 2000</td> <td>0,5-1% Max</td> </tr> <tr> <td>Antisilicone</td> <td>1-2% Max</td> </tr> <tr> <td>Unuversal anti-foam agent</td> <td>1-2% Max</td> </tr> </table>	Medium Thinner	2004-DM	Hardener 1000H-N	10:1 (10%)	Hardener 1000H-N-00	8% = 12:1	Spreader M 2000	0,5-1% Max	Antisilicone	1-2% Max	Unuversal anti-foam agent	1-2% Max	
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Ink removal:	Sericom DACS solvent													

PRODUCT CLASSIFICATION:

The 2004 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.