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| Applications | stainless steel, alluminium, ceramics, iron, generic metal, chromate metal, treated polyacetal (hard-plast), glass | | | | | |
| Main features | Two-component Ink. Glossy finish, good opacity and excellent adhesion on all above supports. If utilized to print on glass or chrome, to avoid scarce adhesion, cracks or swelling of the printed film, it is necessary to clean the support accurately and to remove the humidity by warming in furnace at 35-40°C. This ink must be mixed with the hardener XFH-GL in ratio of 20:1. | | | | | |
| Outdoor resistance | Not suitable for prints destined to outdoor exposure. | | | | | |
| Mechanical and chemical solidity | Resistance to acids and diluted bases, alcohol, diesel oil and water. Very good resistance to abrasion (Taber test). Suitable also for silver-plating. If particular resistance to water or chemical agents is required, the printed film should be treated in furnace at about 130°C for 10-15 minutes. | | | | | |
| Drying process | 20-30 minutes at room temperature. 5 minutes in furnace (140°C) Polymerization and hardening is complete in about 7/8 days. Pot life: 8/12 working hours at room temperature. | | | | | |
| Colour range | Refer to the TWO-COMPONENT, "NK SYSTEM", METALLIC colour card. HD (high opacity) colours are available. All XF-GL colours can be mixed with each other but never with other Series inks, not to affect the quality. Colours 79-010, 79-020, 79-050 must be prepared with their respective pastes according to below scheme: <table><tr><td>Silver Paste 79-050</td><td>XF-GL (70 TR) 1:4 – 5</td></tr><tr><td>Other Silver Pastes</td><td>XF-GL (70 TR) 1:6 – 7</td></tr></table> Metallic colours RE 75, 76, 77, 78, 79-050 – outdoor resistant – are ready for use. It is always recommended to carry out preventive overprinting tests. | | Silver Paste 79-050 | XF-GL (70 TR) 1:4 – 5 | Other Silver Pastes | XF-GL (70 TR) 1:6 – 7 |
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| Auxiliaries and additives | Fast thinner Medium thinner Slow thinner Hardener XFH-GL Universal Retarding paste Spreader M 2000 Antisilicone Universal anti-foam agent | XF-DR XF-DM XF-DL 20:1 10% Max 1-2% 1-2% 0,5-1% | | | | |
| Ink removal | Sericom DACS solvent Solvente Lavaggio Telai | | | | | |

PRODUCT CLASSIFICATION:

The XF-GL 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.

Representado por:

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