

Serie  
Series

# TU-MC

Applications	abs, stainless steel, alluminium, iron, wood, generic metal, mylar, treated petg, polycarbonate, treated polyethylene, polymethacrylate, treated polypropylene, polystyrene, epoxy resin, lacquered surfaces, treated ecoallene	
Main features	Two-component Ink. Easy to hanlde, good opacity, glossy finish, good chemical and mechanical resistance, quick drying at room temperature , excellent adhesion on diffucult materials like aluminium and plastic materials, low yellowing, very hard printed film. We'd suggest hardener XFH-N in ratio of 17% (6: 1) or XFH-N-00 (concentrated) in ratio of 12% (8: 1)	
Outdoor resistance	The pigments' solidity rate is between 6 and 8 DIN on the WOOL scale. Recomanded 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	Good solidity to chemical agents (petrol, cosmetics, cleansings, oils, ect, outdoor resistance), scraping and corrosion. Tests must be carried out 6-7 days after the printing phase.	
Drying process	1 hour at room temperature. 5 minutes in furnace (80°C). Polymerization is completed in 6-7 days. Pot life: 7/8 working hours at room temperature.	
Colour range	Refer to the TWO-COMPONENT, INK SYSTEM, METALLIC colour card. Colours B75, B76, B77, B79, 79-O10, 79-O20, 79-O30 must be prepared with their respective pastes according to below scheme: Gold Pastes TU-MC (70 TR) 1:3 – 4 Silver Pastes B79 TU-MC (70 TR) 1:4 – 5 Other Silver Pastes TU-MC (70 TR) 1:6 – 7 Metallic colours RE, 75, 76, 77, 78 – outdoor resistant – are ready for use. It is always recommended to carry out preventive overprinting tests.	
Auxiliaries and additives	Fast thinner Medium thinner Slow thinner Universal retarding paste Spreader M 140 conc Antisilicone Universal anti-foam agent Hardener XFH-N Hardener XFH-N-00 (concentrated)	XF-DR XF-DM TU-MC DL 10% Max 0,5-1% Max 1-2% Max 1-2% Max 17% Max (6:1) 12% = 8:1
Ink removal	Sericom DACS solvent Washing Solvent N	

## PRODUCT CLASSIFICATION:

The TU-MC 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:

Reagraf- Representações Gráficas, Lda - R. Cidade de Ermesinde, 200/202 4445-273 Ermesinde  
Telef. 25390116/7 – Email geral@reagraf.com- www.reagraf.com - Contribuinte nº 504793390