



Electronic



ETCHING RESIST 27 401

Code A31127401005

PRODUCT DESCRIPTION

Matt., solvent-based ETCHING RESIST ink, removable through alkaline solutions.

The ink resists etching solutions such as ferric chloride and copper(II) chloride.

APPLICATION FIELDS

This product is particularly indicated for the production of circuits with fine details.

APPLICATION PROCEDURE

Substrates	XXPC - CEM – FR
Matrix	Polyester 100-120 Th/cm Stainless steel 100-110 Th/cm
Photoemulsion	Solvent resistant
Squeegee	Square edge Squeegee hardness 70-75 shores
Drying	Room temperature: about 1 hour IR oven: 2-3 minutes Hot air oven: 100°C during 5-10 minutes
Thinners	DILUENTE 90.922 NORMALE (Code: A31890922001) DILUENTE 90.924 (Code: A31890924001) DILUENTE 90.918 LENTO (Code: A31890918001)
Cleaning	SOLVENTE LAVAGGIO LQ 90.920
Storage	If kept in a dark place, in its original sealed package, at a temperature of 20-25°C, the product has a shelf-life of about 2 years.
Package	5 Kg
Safety Data Sheet	Available upon request

GENERAL FEATURES

- High printing definition
- Resisting to acid etching solutions, such as ferric chloride or copper(II) chloride
- Removable through soda-based alkaline solutions
- Matt finish

PREPARATION

Before using it, the ink must be mixed well and, in case, diluted, according to printing requirements.

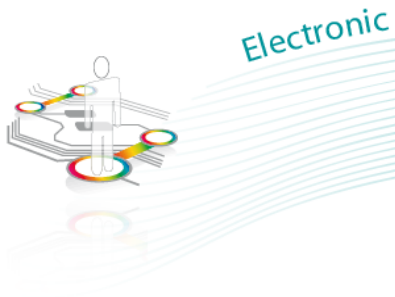
In case that viscosity reduction is needed, it is possible to add **DILUENTE RAPIDO 90.924**, **NORMALE 90.922** or **LENTO 90.918 (Max 3-5%)**.

TECHNICAL FEATURES

ASPECT: matt blue
 VISCOSITY: 34.000 – 37.000 cP
 (Brookfield alb.6, speed.20 at 25 °C)
 FLASH POINT: 40°C

REMOVAL

The ink is normally removed through spraying or dipping into caustic soda (NaOH) at 2-4 %. In case that the ink has been dried too much, a mechanical brushing may be necessary after removal.



SPECIAL INSTRUCTIONS

- Always test the characteristics of the product, before starting production.
- The above information is the result of previous knowledge and experience; it is neither a guarantee nor an assurance.

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.