



Rotolaser 400

Codice M164183

PRODUCT DESCRIPTION

Specific lacquer for the realization of textile micro punched cylinders through laser ablation (CO₂) engraving systems.

APPLICATION FIELD

One pot lacquer indicated for printing with textile inks for roto-printing.

TECHNICAL FEATURES

- Red colour
- Solid content 32%
- Ready to use
- Viscosity = about 2200 cps (25°C)

APPLICATION PROCESS

Sensitizing	It must not to be sensitized
Application	Double squeegee (from top to bottom) 1 layer Speed: 1 minute and 30 seconds for 1 meter
Drying	35°C-40°C for at least 30 minutes. Absolutely avoid room temperature drying
Curing	180°C for 60 minutes 200°C for 45 minutes
Engraving	By ablations laser system
Retouching	In case, product of the series Rotoret mono
Recovery	Before curing: Solvente 610 After curing by laser ablation system
Package	5 Kg
Security Data Sheet	Available on request

APPLICATION

Apply Rotolaser 400 onto perfectly degreased, cleaned and dry cylinders, according to the following indications:

- Double squeegee (from top to bottom)
- 1 layer
- Speed 1minute and 30 seconds for 1 meter

DRYING

Immediately after application, dry into air oven. Do not exceed 35°C-40°C for at least 30 minutes. **Absolutely avoid room temperature drying.**



Cure the cylinder into oven at 180°C for at least 1 hour. If higher chemical-physical resistance are required, we suggest to cure the cylinder at 200°C for 45 minutes

ENGRAVING

The engraving has to be realized by laser ablation system. It's recommended to work in the usual condition, by determining from time to time the engraving time and power, also according to the required thickness and resolution level.

RETOUCHING

The possible retouching may be realized by the product of the series **Rotoret Mono**.

RECOVERY

If the removal of the *Rotolaser 400* from the cylinder before curing is required, it is recommended to use **Solvente 610**.

In case of removal of *Rotolaser 400* after curing use ablation laser,

SPECIAL INSTRUCTION

- Always test the characteristics of the product, before starting application
- *Rotolaser 400*, if kept a maximum temperature of 20°C has a shelf life of 1 year

IMPORTANT INFORMATION NOTE

The information given in this data sheet is not exhaustive, but anyone who uses the product for any purpose other than the one specifically recommended on this document without a specific written confirmation from us is at its own risk and danger.

Although we are working to ensure that all the tips contained herein are correct, we have no control over the quality and support conditions or the many factors that may affect the use and application of the product.

Therefore, subject to specific written agreements, we do not accept any liability - of any nature and in any way whatsoever - on the performance of the product or for any loss or damage resulting from the unauthorized use of the product.

The information contained in this document is subject to periodic reviews based on our experience and our policy of constantly improving the product.