

Serie  
Series

## PAD PRINTING THINNERS, SOLVENTS AND RETARDERS.

Thinners and solvents have been designed to meet all the needs that arise in the printing and cleaning phase.

**Thinners** are used to regulate the viscosity of the inks, making them printable according to the various needs. Since the printing processes, the environmental conditions and the materials to be printed on are not a constant, but can change, the thinners must be considered to rebalance the production processes.

**Solvents** are the products necessary to clean the instruments utilized for the print ( spatula, machine parts, silk-screen frames, etc.).

### APRIMAGLIA SPRAY

The use of this **spray solvent** involves maintaining the opening of the screen printing mesh during the printing phase, without the manual intervention of cleaning.

This solvent is also used in pad printing technology, both for the immediate cleaning of the clichet and the printing parts, and for maintaining the opening of the pad printing clichet, allowing a continuity of printing.

### DACS

**Medium evaporation solvent** used for cleaning screen printing frames, both with the manual system and with the automatic system.

This universal cleaning solvent is also used in pad printing without damage the clichet and the pad.

### DILUENTE VS

**Fast drying thinner** to be used when injection molded materials are to be printed, such as polystyrene or other plastic materials sensitive to the possible formation of cracks from internal stresses, due to the aggressiveness of the traditional solvent mixture.

**Fast evaporation solvent** used to clean up (erase) any printing errors on plastic materials sensitive to traditional solvents used for screen printing cleaning.

This thinner is also regularly used for pad printing systems.

### DILUENTE VH

**Slow drying thinner** to be used in the same cases specified in the **thinner VS**.

### DILUENTE KAN

**Universal thinner** to be used as an additive to help dilution, when the specific diluents of an ink struggle to dissolve the resin component.

Drastically decreases the viscosity of screen and pad printing inks.

**Medium thinner.**

**Not to be used for dilute an ink suitable for plastics sensitive to possible formation of cracks from internal stresses due to the aggressiveness of the solvent mixture must be diluted.**

### EFOR 394

**Medium evaporation solvent** used for cleaning screen and pad printing equipment with the **ultrasound system**.

### THINNER 1000-DM

**Medium universal thinner**, with good solubility for all the pad printing inks of our production, **with the exception of the 1013, 1013-C, 2002, 2003 and 2004 series.**

### THINNER 1000-DR

**Fast universal thinner**, with good solubility for all the pad printing inks of our production, **with the exception of the 1013, 1013-C, 2002, 2003 and 2004 series.**

### THINNER 1000-DL

**Slow universal thinner**, with good solubility for all pad printing inks of our production, **with the exception of the 1013, 1013-C, 2002, 2003 and 2004 series.**

### THINNER 2004-DM

**Medium thinner** used in the **2004 series.**  
**DOES NOT CONTAIN CYCLOHEXANONE.**

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## PAD PRINTING THINNERS, SOLVENTS AND RETARDERS.

### THINNERS VS-VH

**VS (fast) thinner** is used in the **1005, 2003 and 2004** series.

**VH (slow) thinner** is used in the **2003** and **2004** series.  
**DO NOT CONTAIN CYCLOHEXANONE.**

### THINNERS 1013-C DM 1013-C DL 1013-C DR

Thinners used only in the **1013-C series.**  
**DO NOT CONTAIN NAFTE AND CYCLOHEXANONE.**

### THINNER XL-DM

**Medium thinner** used in the **2003 series.**

### THINNER XF-DM

**Medium thinner** used to dilute also the **1005** and **3000 series.**

### THINNER XF-DL

**Slow thinner** used to dilute also the **1005 series.**

### THINNERS 1013-DM 1013-DL 1013-DR

Thinners used only in the **1013 series.**

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### RETARDANTS IN GEL AND PASTA

Like liquid-based retarding, modified thinners, in gel or paste, also reduce the consistency of the inks. They are transparent and do not change the color characteristics.

**Paste or gel retardants** must not be used as cutting pastes and the utilization percentages must not exceed **15%.**

**They are not recommended for the reduction of the consistency of the inks which must be printed on materials easily attacked by solvents, for example Polystyrene or on plastic materials sensitive to the possible formation of cracks.**

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### 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.

The application, the use and the transformation of our products take place out of our control, therefore the customer has the whole responsibility.