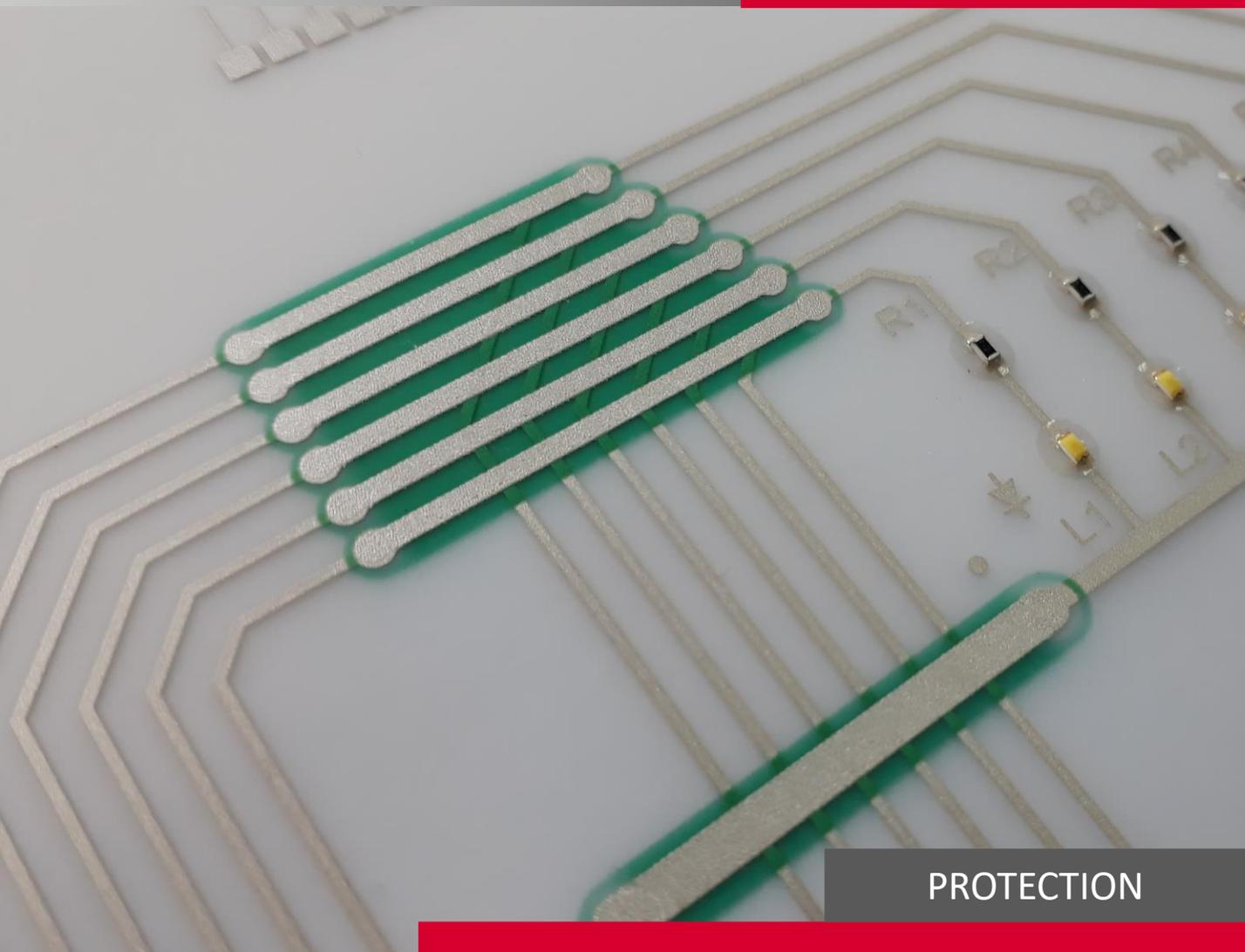


ECV RANGE

Dielectric Varnishes



PROTECTION

ECV RANGE

Dielectric varnishes best-in-class in terms of **insulation**

Description

The **ECV range** offers dielectric varnishes providing insulation and protection for functional ink layers.

Polymerization is achieved under a UV tunnel with the printing of 2 successive layers to ensure optimum insulation.

The **ECV range** is printable using **silks-screen** printing techniques.

Applications

The **ECV range** is used in the credit card, medical and automotive fields by manufacturers as well as research centers.

Most common uses

Flexible keyboards
RFID antennas
Thermoforming
Smart textile

Advantages

Skills, know-how and made in France

VFP Ink Technologies (Tripette & Renaud group) has been a mark of expertise and quality in the chemical ink formulation sector for 25 years.

Advice & support

VFP Ink Technologies is present across the globe through its international distribution network.

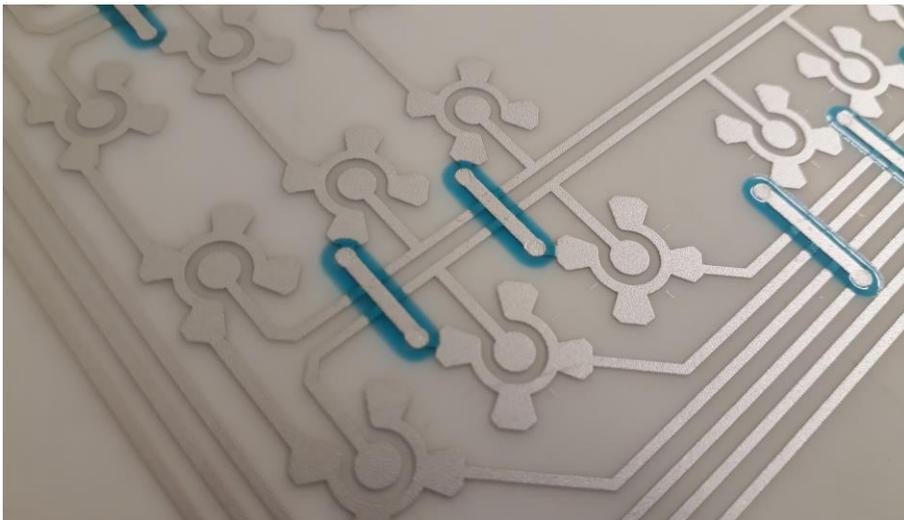
We are always available to advise and assist our clients in their printed electronics projects.

Responsiveness

Rapid response to questions and requests on quotes.

Amongst the shortest delivery times in the market

VFP Ink Technologies accompanies you in your express prototypes printing projects thanks to its R&D laboratory equipped with printing and annealing machinery.



ECV RANGE

Dielectric varnish range

| Product Reference ECV | UV curing | Dielectric varnish color | Compatibility with the Silver Electron range | Printing |
|--------------------------|------------------------|-----------------------------|--|-------------|
| ECV-001 | 120 mJ/cm ² | Transparent/blue | SE/SE-SC | Silk-screen |
| ECV-003 | 120 mJ/cm ² | Transparent/green | SE range | Silk-screen |

A wide range

A wide range to respond to broad and varied demands.

Options

The **ECV range** can be adjusted to allow for flexographic printing.

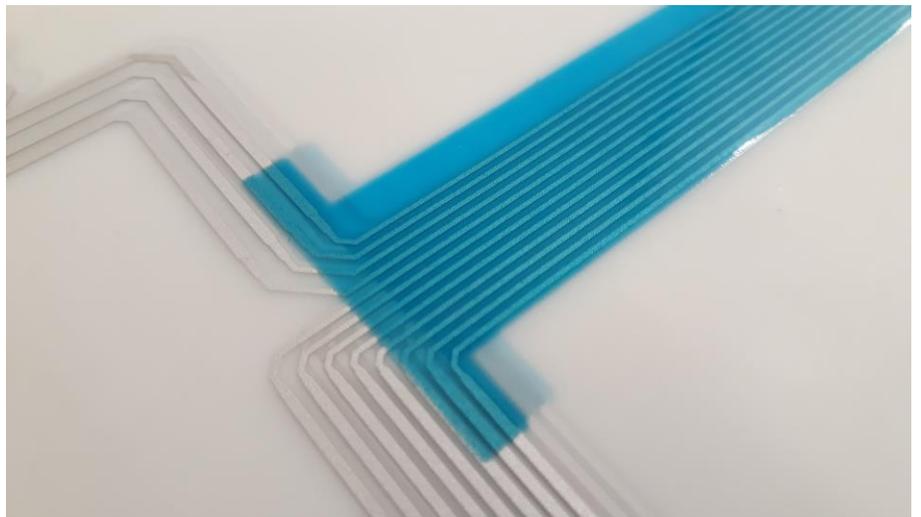
The **ECV range** is compatible with our **Silver Electron** ink range for multilayer printing.

Substrates

The ECV range was designed to adhere to a wide array of substrates

Such as PET, polycarbonate, TPU, polyimide, glass, paper, textile fiber, Kapton...

UV INK



ECV RANGE

Implementation

The ECV varnish range is printable using all silk-screen printing processes as well as dispensing systems.

The ECV varnish range can be redesigned to perfectly fit our clients' production line.

Our functional varnishes are implemented at our clients' plant with our technical team comprised of **experienced application engineers**. We offer a comprehensive support ensuring the best possible start of any industrial process.

VFP INK TECHNOLOGIES has been designing and developing its own silk-screen printing screens for **25 years** in order to offer the best production optimization parameters. A screen contributes about **70%** at the start of the industrial process in terms of precision and raw materials cost savings.

