



PRINTED ELECTRONICS

SILVER ELECTRON RANGE



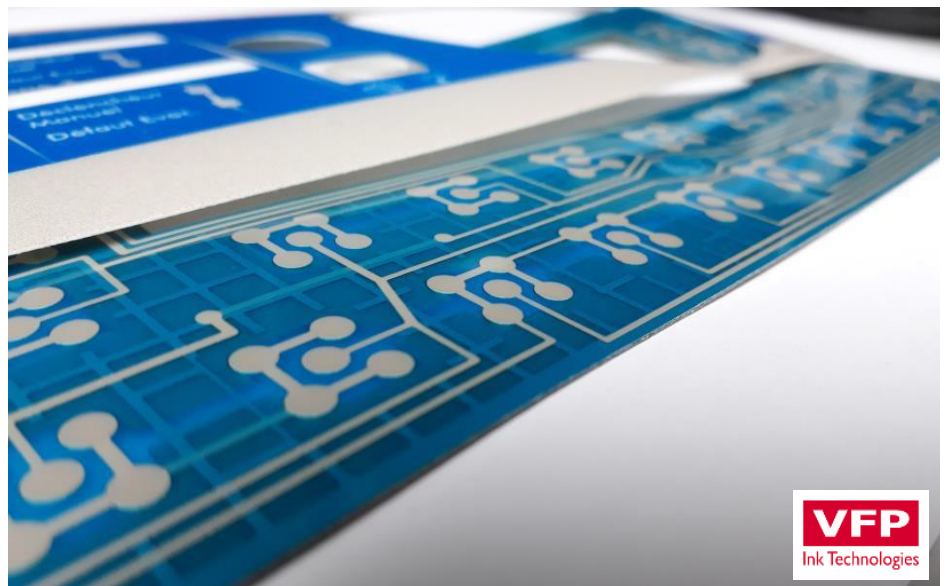
Conductive inks

Product reference	Curing temperature(°C)	Curing time (min)	Resistivity (mΩ/sq/mil)	Benefit
SE	130 to 150	10 to 30	≤ 15	Temperature resistance
SE-Thin Film	130 to 150	10 to 30	≤ 150	Cost efficiency
SE-Form	130 to 150	10 to 30	≤ 15	Thermoformable
SE-Flex	130 to 150	10 to 30	≤ 12	Stretchable
SE-Speedy Cure	120 to 150	1 to 5	≤ 15	High conductivity
SE-Speedy HR	120 to 150	3 to 5	< 25	Fine line

Implementation

VFP Ink Technologies takes advantage of 25 years of expertise in screen-printing and provides full on-site support

Conductivity
Flexibility
Printability



ENCAPSULATING RANGE

UV INK



Dielectric varnishes

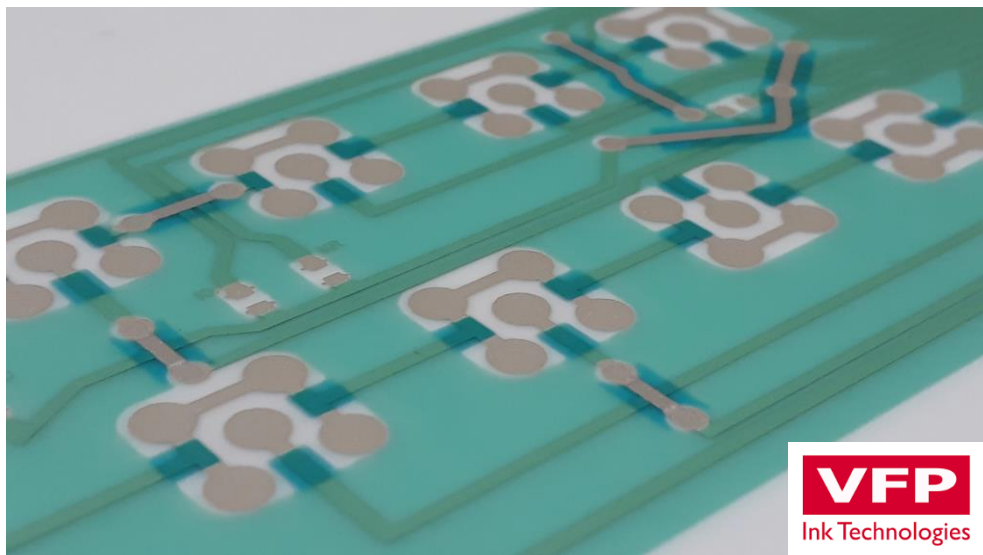
Product reference	Polymerization energy	Varnish color	Compatibility	Benefit
ECV-001	60 mJ/cm ²	blue	SE Range	Fast production
ECV-002	60 mJ/cm ²	Transparent	SE Range	Fast production
ECV-003	300 mJ/cm ²	green	SE Range	thermoformable
ECV-004	300 mJ/cm ²	Transparent	SE Range	thermoformable

Flexibility
Printability
Insulation
Protection



Implementation

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VFP
Ink Technologies

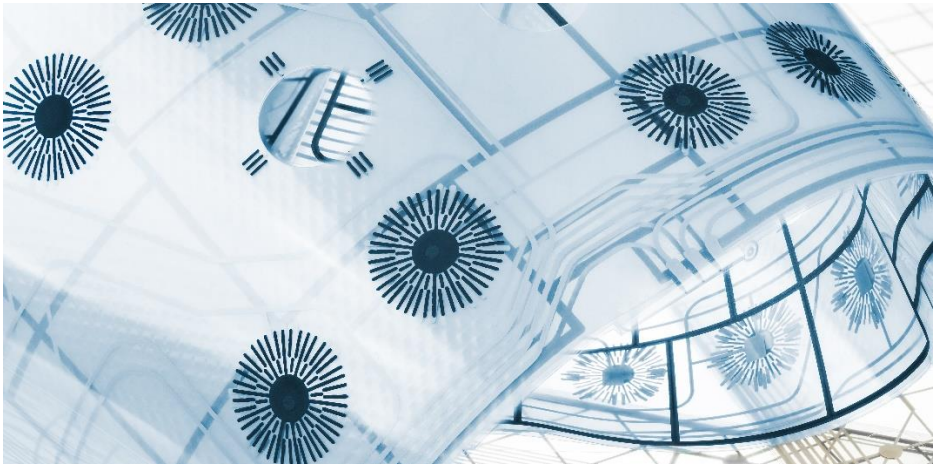


CARBON ELECTRON RANGE

Carbon inks

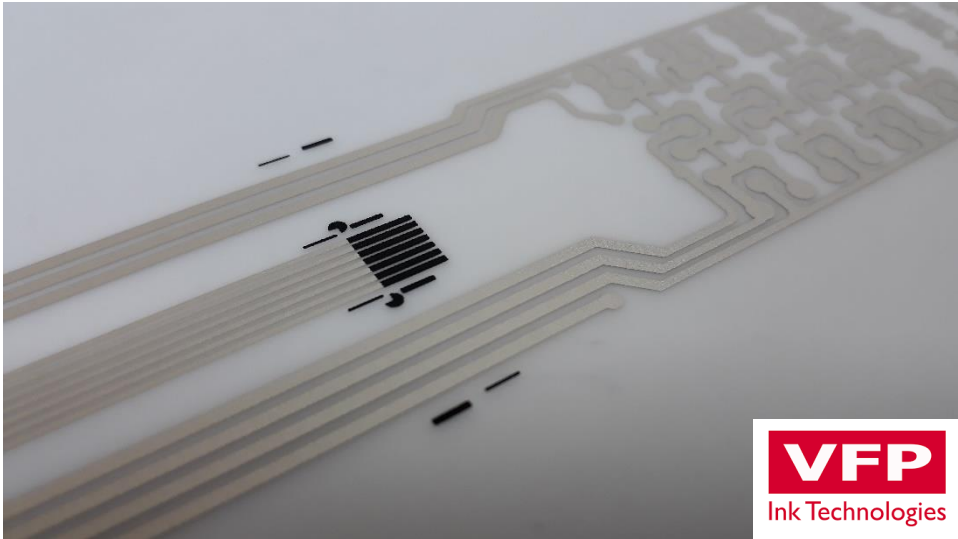
Product reference	Curing temperature(°C)	Curing time (min)	Resistivity (Ω/sq/mil)	Benefit
CEL	120 to 150	3 to 5	≤ 120	Coverage Flexibility

Flexibility
Printability
Insulation
Protection



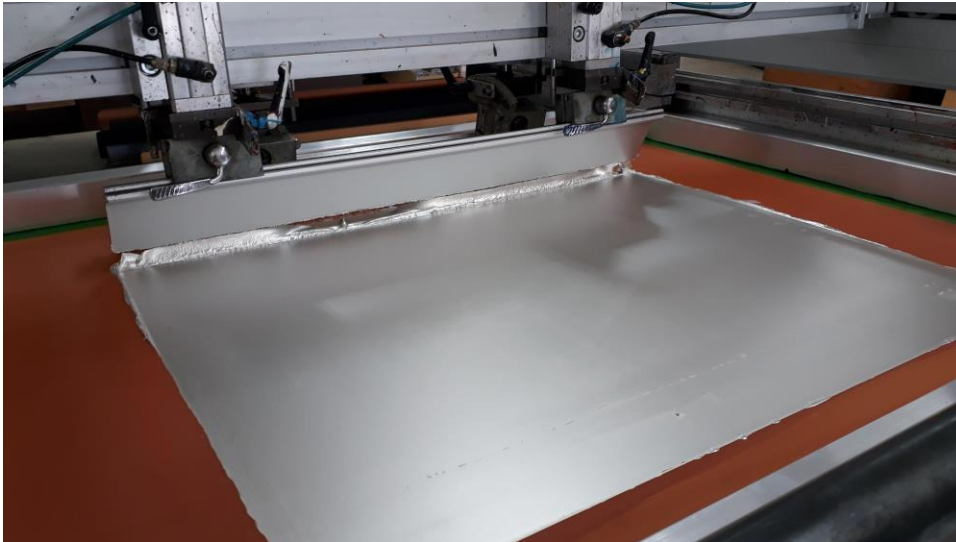
Implementation

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INDUSTRIAL PROCESS

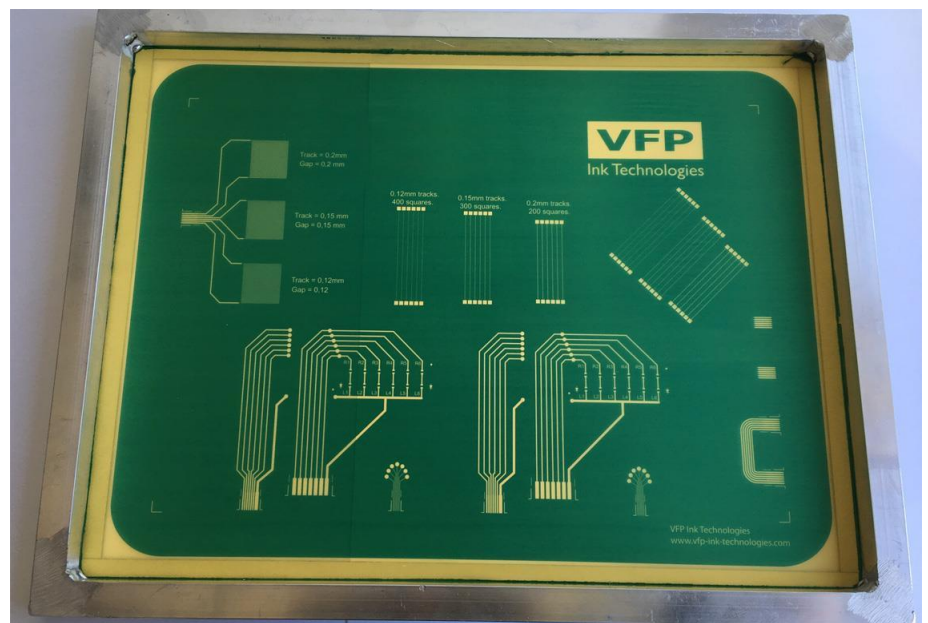
Screen printing



VFP Ink Technologies produces, develops and markets screens in addition to our inks range

Product reference	Mesh (thread/cm)	Squeegee	Squeegee angle	Thickness
SE range	90 to 150	65 shore	45°	6 to 10 µm
ECV range	77 to 90	75/90/75 shore	45°	12 to 20 µm

VFP Ink Technologies helps you with machine settings as well as process improvement

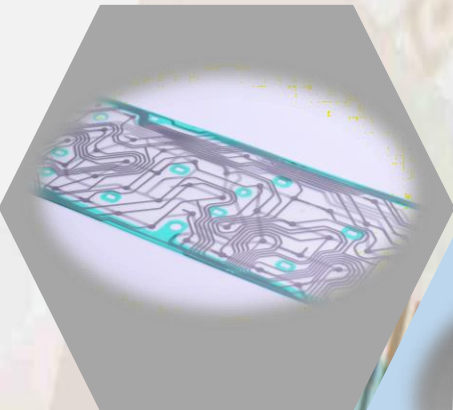


APPLICATIONS

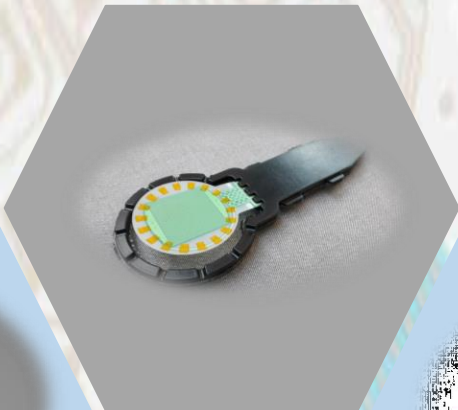
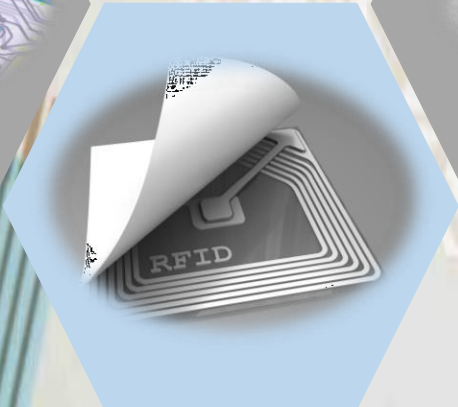


Printed Electronics

Membrane switch



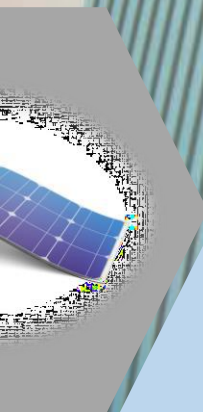
Antenna



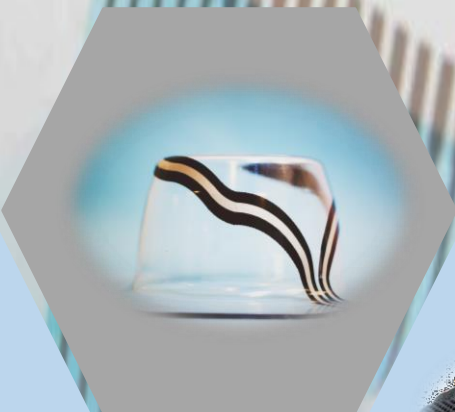
OPV



Sensors



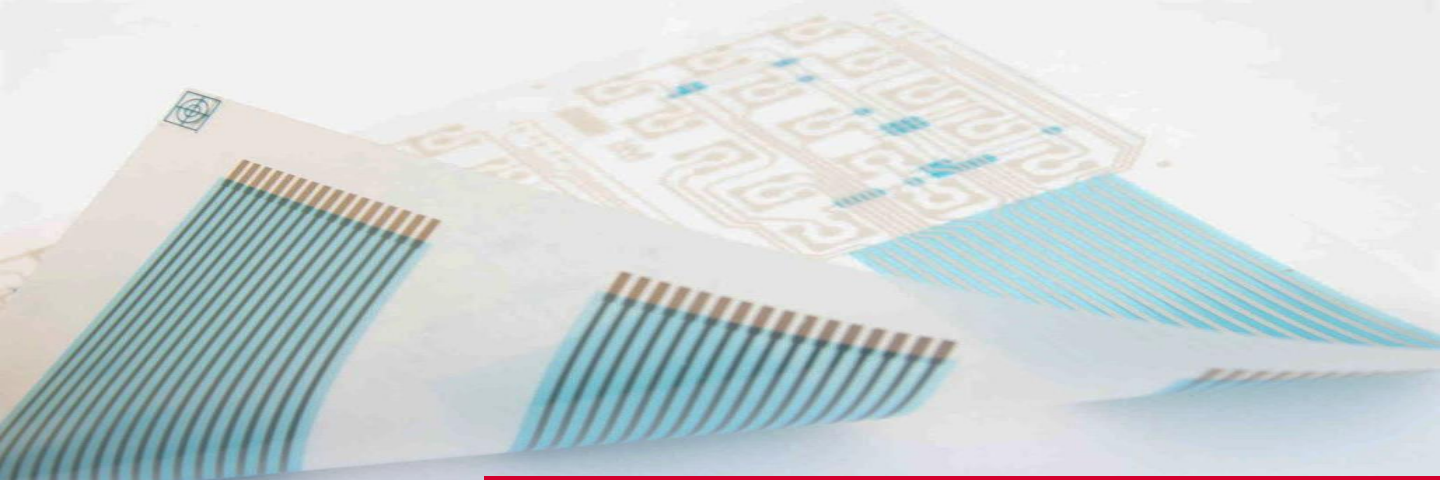
Packaging



Textile



Plastronics



Printed Electronics



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