

Printing Technology Overview

Substrates

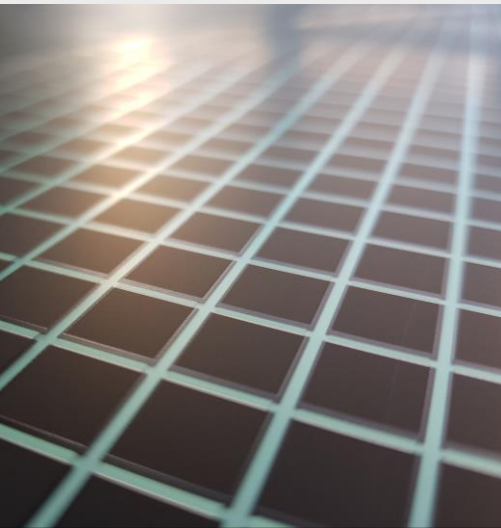
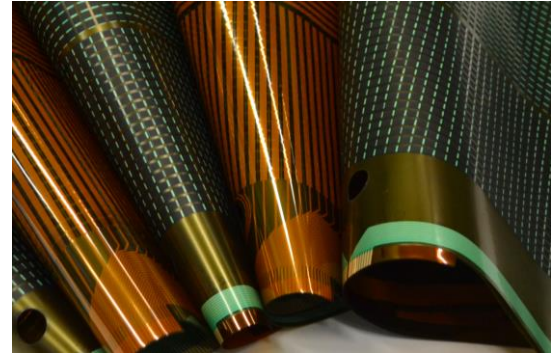
Flexible Substrates

- Fleece
- PET
- PEN (down to 1,5 µm thickness)
- PI
- Aluminium Foil
- PEEK
- TPU
- ITO on Foil
- TAC
- Molicare

- PVB
- Sentry Glass
- Schöller Papier
- ... please ask for more

Rigid Substrates

- Glass
- Wafers (Si, GaAs, Glas ...)
- ITO on Glass
- ... please ask for more



Inks

Conductive Inks

- Silver (rigid and stretchable)
- Gold
- Various PEDOT formulations from InkJet to Screen Printing
- Copper
- Nickel
- ... please ask for more

Semiconductors

- Sensing Inks
- OFET Materials
- OPD Materials
- OLED Materials
- P-type semiconductive inks
- N-type semiconductive inks
- ... please ask for more

Insulators

- Dielectrics
- Encapsulation Materials
- Sacrificial Layers
- Spin on glass
- Varnish
- ... please ask for more

Adhesives

- Graphical Inks
- Development inks

Process Technology

Printing / Coating

- InkJet
- AerosolJet
- Flexography
- Screen printing
- Gravure printing
- Offset
- Slot-die coating
- Hot embossing

Non Printing

- Spin coating
- Vapor deposition
- Sputter deposition
- Lithographic processing
- Wet chemical treatment
- ... please ask for more

Drying / Curing

- UV curing
- IR drying / curing
- Contact drying (also Inline)
- Hot air drying / curing

