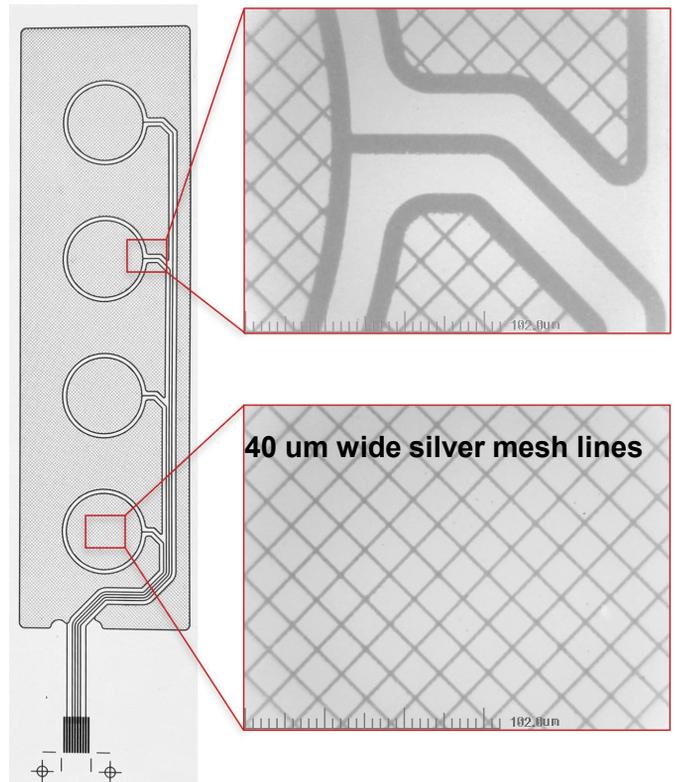


SunTronic for Transparent CapTouch



Flexible transparent capacitive switches are gaining popularity in HMI applications as they enable high level of differentiation and design freedom to make thin, ergonomic and functional surfaces with attractive backlighting schemes.

- ✓ **SunHytek Graphic Inks** for overlay
- ✓ New generation **fine-line capable silver conductive ink** for transparent metal mesh capacitive switches
- ✓ **AST6010 PTF Silver** for LED circuit interconnects
- ✓ **DSU4605 UV Dielectrics** for crossovers and protective overlay
- ✓ **GST4300 Carbon ink** for flex tail connector pads



SunChemical

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Color & Comfort

SunTronic for In - Mold Electronics



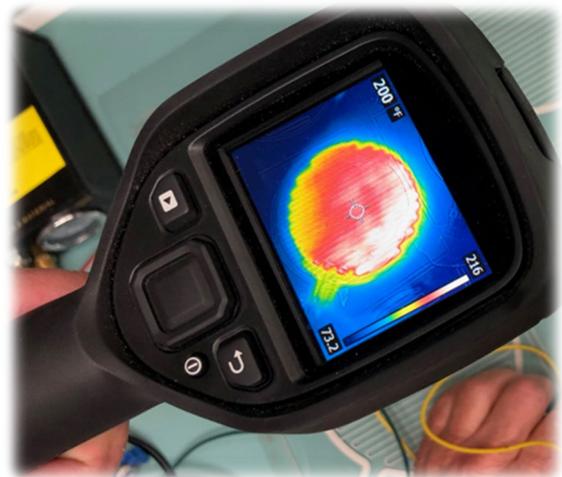
IME is a revolutionary new way of integrating electronics into plastics. It opens immense possibilities for product designers and electronics manufacturers to create 3D contoured smart electronic surfaces. IME enables the production of ergonomic, lightweight and durable parts through cost-effective manufacturing processes requiring less assembly and fewer moving parts.

- ✓ **SunHytek DecoMold Graphic Inks** for in-mold decoration
- ✓ **AST6800 Silver Inks** for interconnects, electrodes, heater, antennae
- ✓ **DST6800 Dielectric Inks** for cross-overs and protective layers
- ✓ **GST4700 Carbon/Graphite Ink** for connector pads

IME CapTouch Controller



IME Lens Heater

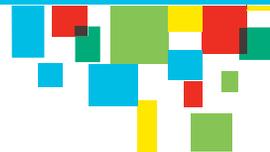


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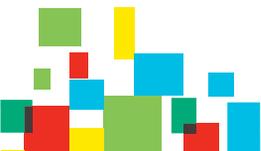


SunTronic for Stretchable Electronics



Material solutions for stretchable and wearable electronics. Contains a range of functional materials to support applications where a high level of conformability is required. This allows for easier integration of electronic functionality into stretchable and wearable materials which are typically not possible with traditional copper-based circuits.

- ✓ **AST6400 Silver Ink** for interconnects and electrodes
- ✓ **GST4510 Carbon/Graphite Ink** for interconnects and electrodes
- ✓ **DSW1000 White Dielectric** – for protective and insulating layers, can be used as standalone carrier to replace TPU substrate



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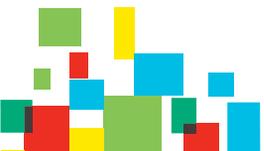
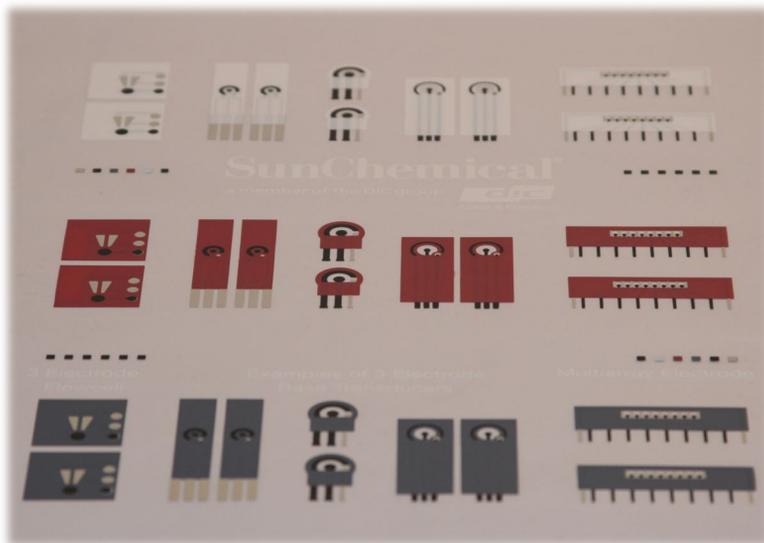


SunSens for Biosensors



Wide portfolio of screen applied materials that are tailored for a range of biosensor systems as well as a selection of stabilized enzymes that can be used in the electrochemical sensors for medical, agricultural and environmental monitoring.

- ✓ **Carbon pastes** – including mediated inks
- ✓ **Silver-Silver Chloride inks** – numerous ratios for different applications
- ✓ **Silvers inks** – for conductive tracks
- ✓ **Precious Metals (Pt, Au)** – available for low temperature curing and firing on ceramic substrates
- ✓ **Dielectrics & Insulators**



SunChemical

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Color & Comfort