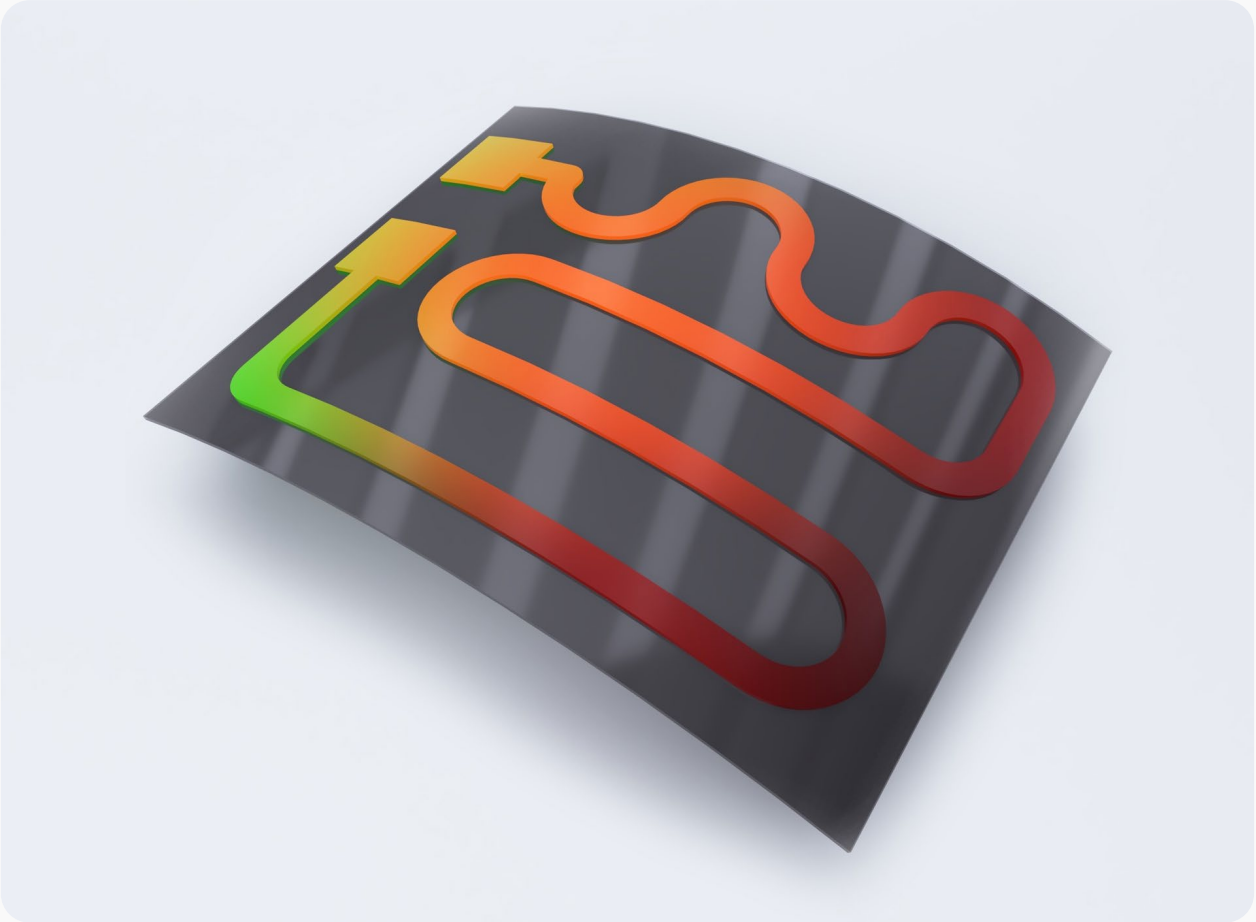
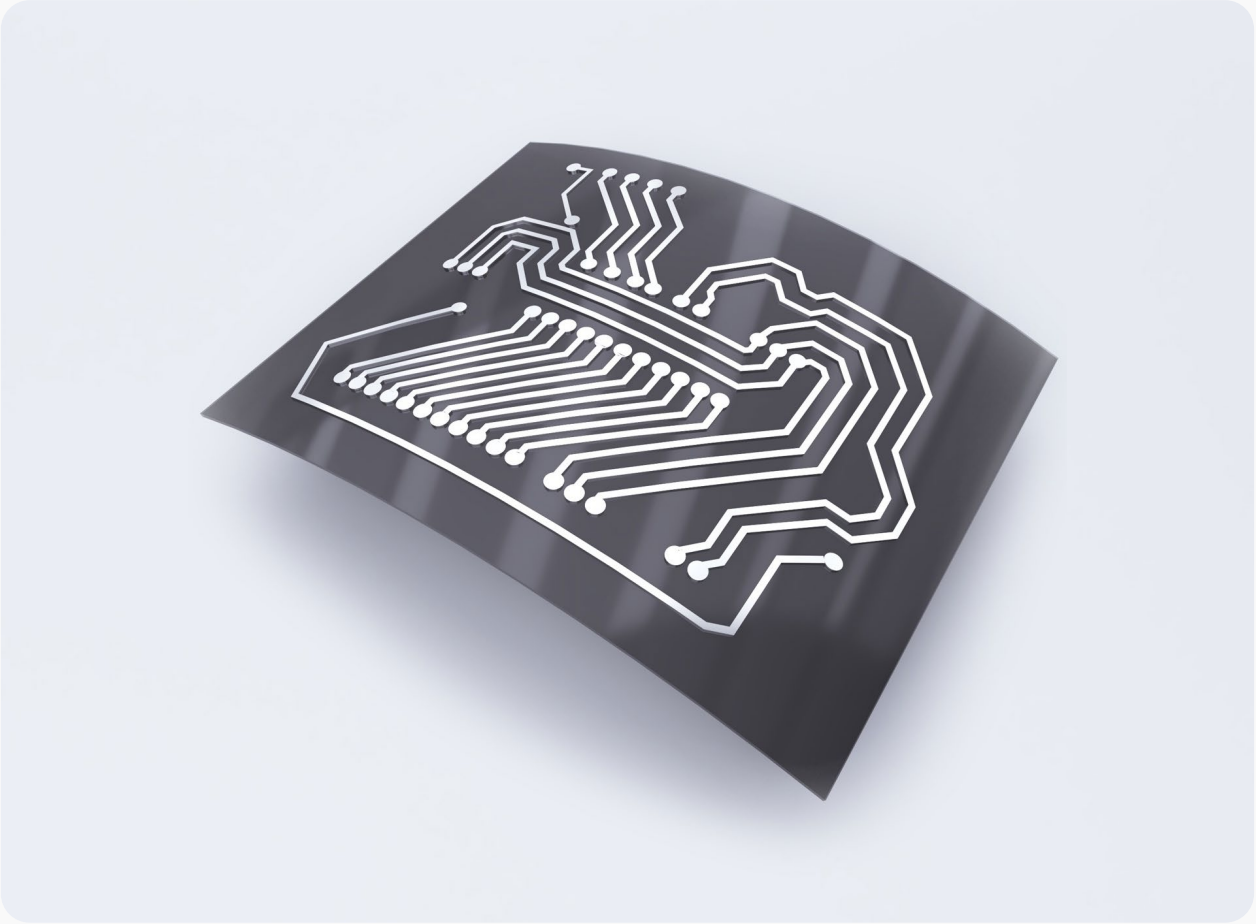


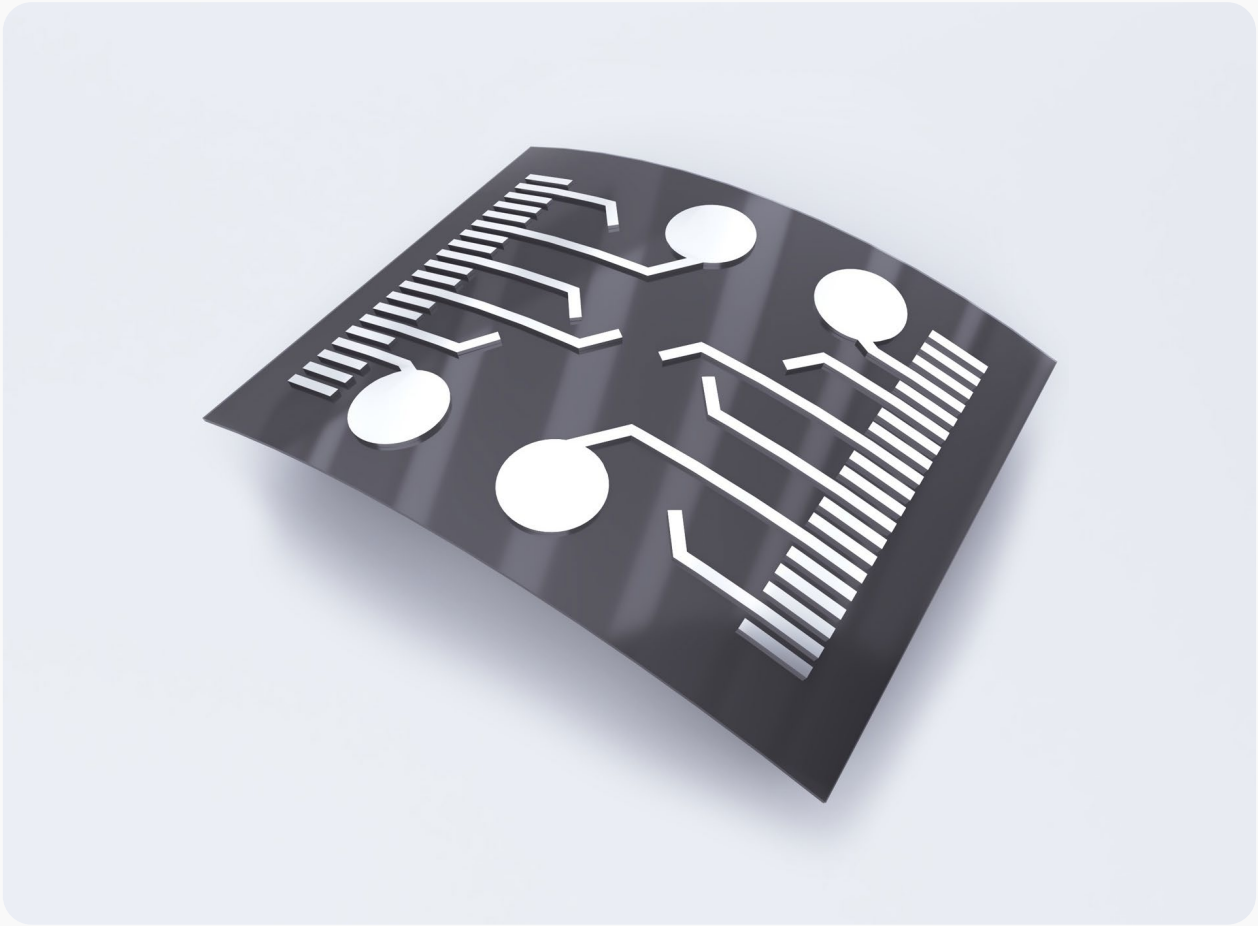
Thin-film heater

Thanks to its flexibility, regarding deposit thickness, pattern configuration and substrate’s nature, heating elements made by JetSelectiv® can be finely tuned to fit most applications. Semi-transparent heaters can even be achieved with a high aperture ratio.



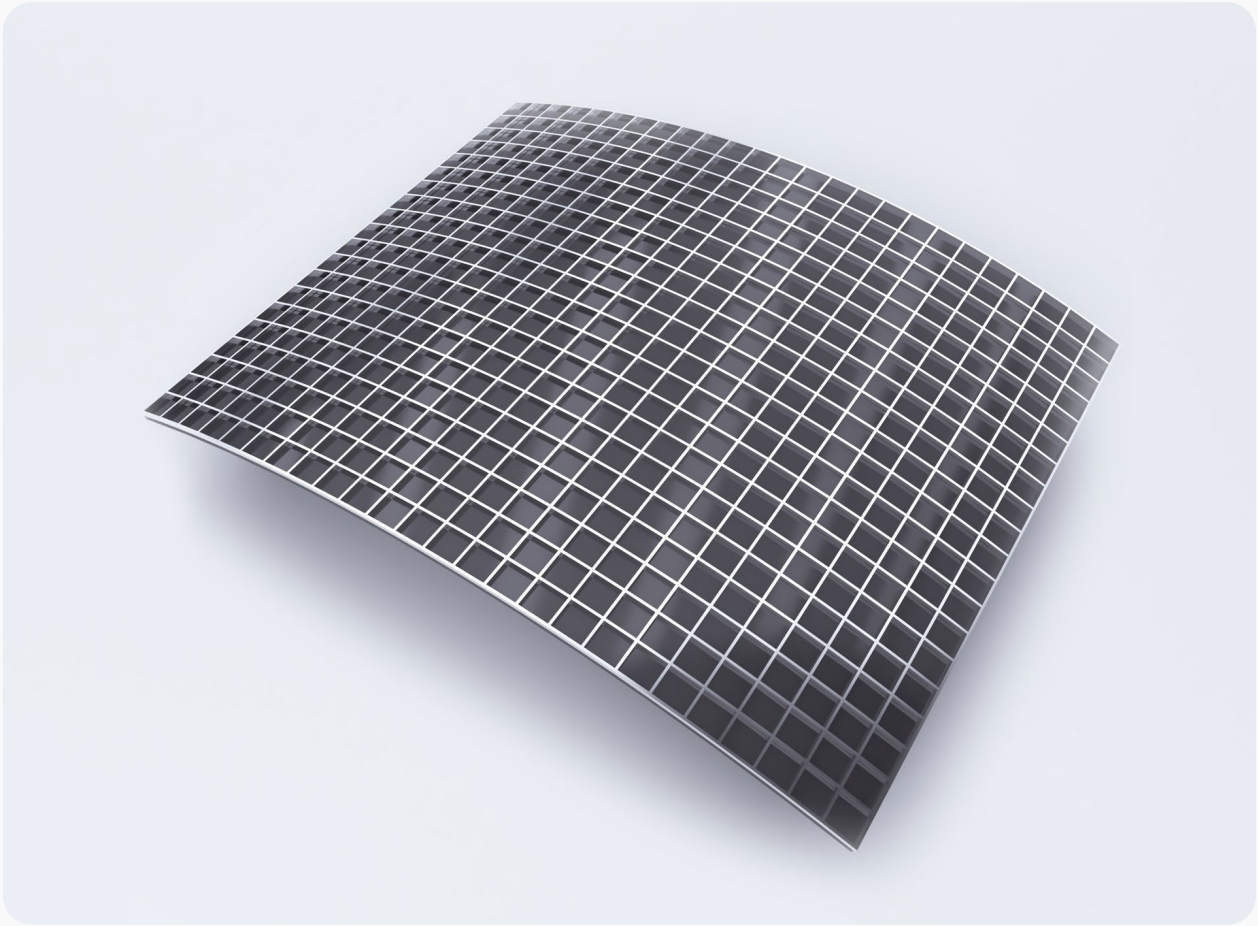
Flexible electronic

With its ability to deposit thin, high resolution and highly conductive metallic patterns, JetSelectiv® is suitable to trace electronic circuits onto a large variety of substrates such as flexible polymer films.



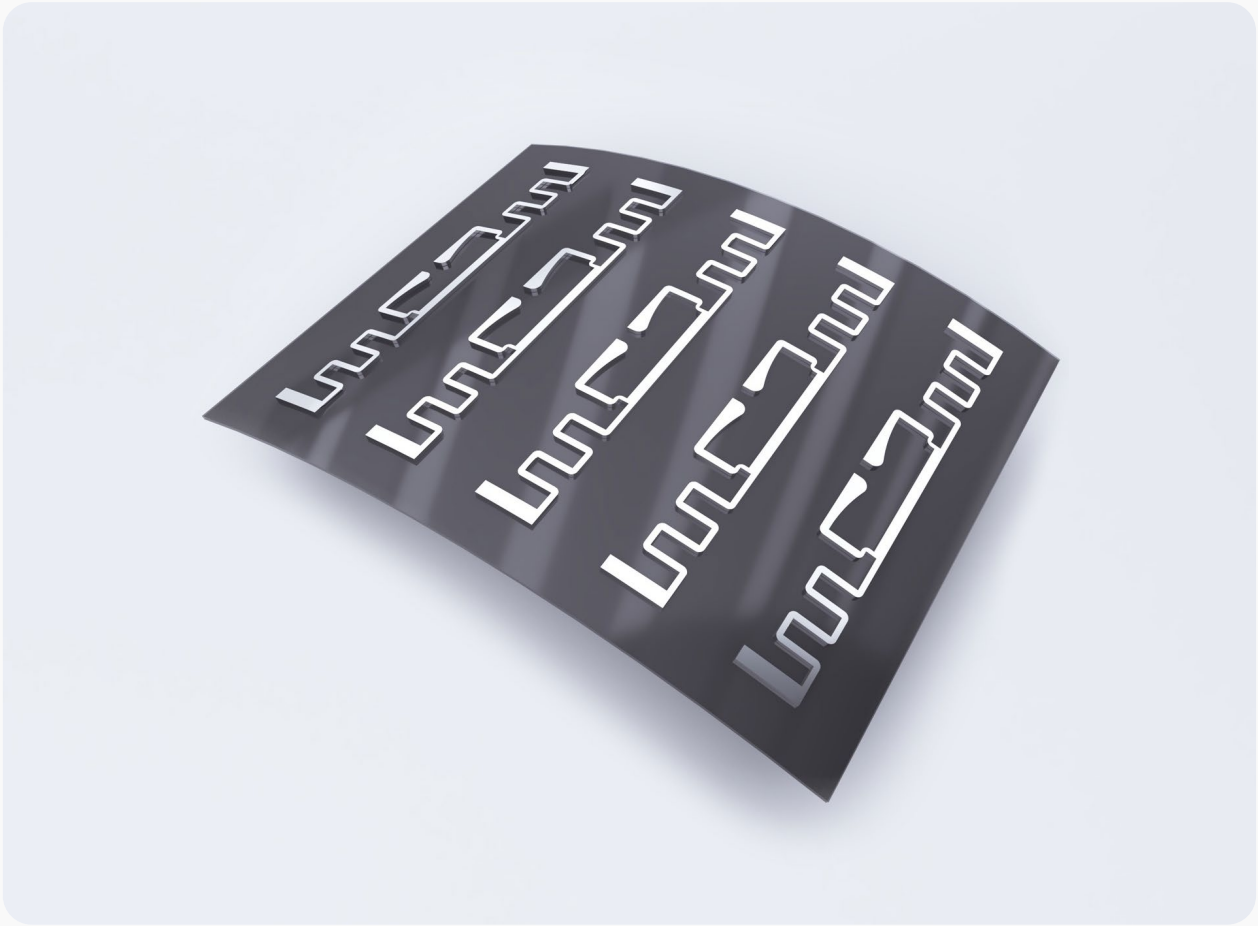
Electrodes and sensors

JetSelectiv® pure silver deposit is particularly compatible with electrode manufacturing as it provides a smooth (Sa < 20nm) and highly conductive metallic film as well as having stable electrical properties over time and temperature.



Silver micromesh

Fine resolution pattern (<50µm), such as metallic grids, can be obtained with JetSelectiv® paving the way to application requiring semi-transparent electrodes (heating element, sensors, EMI shielding…)



RF devices (mmWave antennes, UHF RFID Tags)

JetSelectiv® deposits are particularly relevant for RF application as they delivers smooth (low Sa <20nm), highly conductive metallic layer combined with a fine resolution (<50µm) pattern. Such deposits can provide good RF performance for UHF RFID Tag application as well as