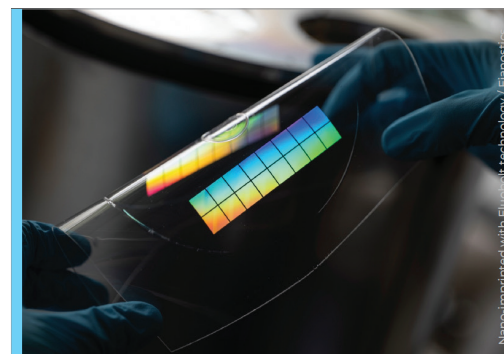


COC film for assays

Turnkey microfluidic film solutions for innovators in diagnostics

Customizable monolayer or multilayer cyclic olefin copolymer (COC) films that enable PCR multiplexing with low-noise signal readout and optimal seal



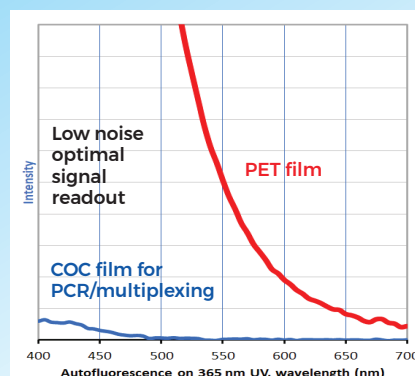
OVERVIEW

TekniPlex Healthcare offers customizable COC-based film solutions produced in a certified cleanroom to serve the diagnostics consumables market. Films can be customized for hot embossing, conductive printing, PCR thermocycling, gel electrophoresis, LAMP, ELISA, NGS, cell sorting, laser welding or ultrasonic sealing, shelf-life, and/or low autofluorescence.

- **Specific surface coating and modification options available,** reducing back-end processing costs.
- **Decreased time-to-market and increased design-for-manufacturing** with the possibility to prototype films.
- **Global Innovation Center** available for small size pilot production, prior to scale-up in a certified ISO 7 cleanroom production environment.
- **Excellent clarity and UV transparency.**
- **Prolonged shelf-life via customizable barrier properties.**
- **Good seal strength and films seal to COC injection molded parts.**
- **Film thicknesses ranging from 40-300 μm (1.5 - 12 mils).**
- **Fit for use in the -175°C to 130°C (-283°F to 266°F) range.**

The Right Solution

TekniPlex's expert professionals can help you get to market with the right solution. Start a discussion with us today to see how we can customize a COC structure to meet your requirements.



For additional information, please visit:
tekni-plex.com/healthcare