

Früh Cleanpouch®

Protect to perform.

## Früh Cleanpouch®

- primary and secondary pouches for medical technology or pharmaceutical applications
- Film production under ISO class 8 and compliant with Chinese GMP
- Pouch Production under ISO class 7 conditions, with controlled transfer into cleanroom



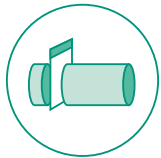
### Film printing

- Flexo printing: 6 colors and gravure printing: 10 colors (incl. varnish)
- PVC-free printing inks
- Outside or sandwich printing
- 100% monitoring with a camera system



### Film lamination

- Solvent-based laminating technology
- Solvent-free laminating technology
- Aluminum-free high-barrier composites (AlOx and SiOx)
- Aluminum high-barrier composites



### Roll slitting

- Contact-less web cleaning system, qualified according to ISO 14644
- Roll width: 60 mm to 1400 mm
- ISO Class 7 Production



### Pouch production

- Stand-up pouches
- Overwrap
- 3-seam side-seal pouch
- 5-seam pouch



## Your added value

- Everything from a single source
- Certified in accordance with EN ISO 13485:2016, ISO 9001:2015 and ISO 22000:2018
- Qualified machinery and equipment
- Stability and performance validation in accordance with ISO 11607-1
- Process validation in accordance with ISO 11607-2
- Measurement of residual solvents, oxygen permeability and water vapor permeability
- Types of sterilization: steam sterilization, gamma, x-ray
- Bioburden in accordance with ISO 11737-1
- Next-generation production facilities with advanced automation and robotics solutions