



Films and Pouches

Protect to perform.

Films

- Film production under ISO class 8
- Production in compliance with Chinese GMP
- Roll materials for the production of primary and secondary packaging for medical technology or pharmaceutical applications



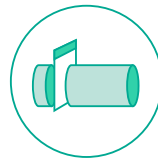
Film printing

- Flexo printing: six colors and gravure printing: ten 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
- Tubular lamination



Roll cutting

- Contactless web cleaning system
- Roll width: 60 mm to 1,400 mm
- Produced in accordance with ISO class 7 requirements, injection in clean room guaranteed

Pouches

- Large peel pouch standard range produced in accordance with ISO class 7
- Stand-up pouches with and without a spout
- Side-seal pouches
- 5-seam pouches
- Pouches available from small to large quantities



USPs

- Short throughput times
- Everything from a single source
- Short decision-making paths for investment decisions
- Certified in accordance with EN ISO 13485:2016, ISO 9001:2015 and FSSC 22000
- Machines qualified in accordance with EN ISO 14644
- Stability and performance validation in accordance with ISO 11607-1
- Process validation in accordance with ISO 11607-2
- Inspection of the sterile barrier system: burst pressure, bubble emission, dye test, seal strength, peel seam strength and other lab tests are possible
- 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
- Latest production facilities with the most modern solutions and robots