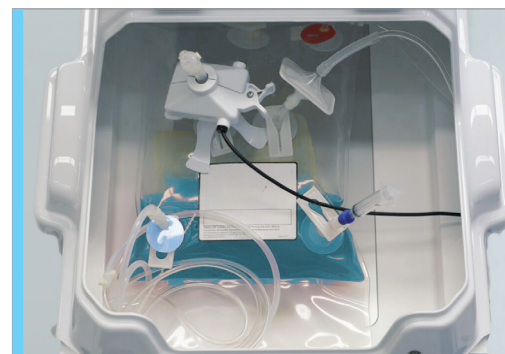


Films for Single-Use Bioprocessing Applications

Cleanroom-manufactured films with low extractable and low leachable profiles

TekniPlex Healthcare offers customizable films made from a variety of polymers resulting in high-quality finished films suitable for single-use bioprocessing bag production.



OVERVIEW

At TekniPlex Healthcare, we use our vast materials science expertise to customize films for single-use bag production for a broad range of bioprocessing applications. Films are designed to pass USP 661 and possess qualities such as high-gas barrier, and other customer-specified requirements while also displaying low extractable and low leachable profiles.

Films are commonly produced with ultra-pure inert polyethylene (PE) layers and an oxygen barrier made of ethylene vinyl alcohol (EVOH), but other polymers can be specified, depending on the application requirements. In addition to PE and EVOH, TekniPlex Healthcare can work with a variety of polymers including ethyl vinyl acetate (EVA), cyclic olefin copolymer (COC), cyclic olefin polymer (COP) and polyamides (PA) to co-extrude different combinations to create finished films with specific durability properties and extractable and leachables profiles.

Our films are complemented by our broad range of PVC, TPE, TPV and silicone tubing and our customizable polymer compounds for transfer sets, all part of a line of materials specifically for biopharma and cell and gene therapy applications.

Film Features and Highlights

- Produced in certified ISO cleanrooms
- Puncture resistant
- Excellent sealing properties
- High strength with high flexibility
- Gamma sterilizable
- Process risk mitigation with low extractable and low leachable profiles
- Customizable high-gas barrier
- Low temperature use
- Range of materials that can be accepted in specific waste streams to improve circularity



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