

Sartorius Stedim Biotech offers clear or foil based film overpouches for use in final I.V. drug packaging when high gas barrier and/or high water vapor barrier protection is required.

Please review the following information on our two overpouch materials. Contact Sartorius Stedim Biotech for analysis of your application or to obtain samples.

FILM STRUCTURES

OVP ALU – FOIL, AUTOCLAVABLE MATERIAL

- Description: Multi-layer foil structure with ultra high oxygen and water vapor barrier properties.
- Acceptable for steam sterilization applications

Description

- Foil material for steam sterilization applications.
- High gas and water barrier
- Pre-printing available

Formula

PET / Nylon / Aluminium Foil / CPP Allomer MS

Method of Sealing

Impulse or Heat

Method of Sterilization

Steam or Gamma

Permeability to oxygen and water vapor

- O₂ Transmission Rate @ 23°C – 65% RH

(cc / 100 inch² / 24 hrs / atm) (before retort.) 0.000

(cc / 100 inch² / 24 hrs / atm) (after retort @ 121°C 30 min) 0.000

- H₂O_{vap} Transmission Rate @ 40°C – 90% RH

(g / 100 inch² / 24 hrs) (before retort.) 0.000

(g / 100 inch² / 24 hrs) (after retort @ 121°C 30 min) 0.000

OVP CLR – CLEAR, AUTOCLAVABLE MATERIAL

- Description: Clear film with high gas and water vapor barrier properties.



- Acceptable for steam sterilization applications

Description

- Clear
- High gas and water barrier
- Pre-printing available

Formula

Aluminium oxide vacuum metalized PET / Nylon / CPP Allomer MS

Method of Sealing

Impulse or Heat

Method of Sterilization

Steam or Gamma

Permeability to oxygen and water vapor

- O₂ Transmission Rate @ 23°C – 65% RH

(cc / 100 inch² / 24 hrs / atm) (before retort.) 0.0129

(cc / 100 inch² / 24 hrs / atm) (after retort @ 121°C 30 min) 0.0194

- H₂O_{vap} Transmission Rate @ 40°C – 90% RH

(g / 100 inch² / 24 hrs) (before retort.) 0.0645

(g / 100 inch² / 24 hrs) (after retort @ 121°C 30 min) 0.097

