

MEDICAL PRODUCTS

EP Series

Product Description

The EP Series Coatings are specifically formulated for use on flexible IV, blood and drainage bags where it is necessary for foils to meet a host of rigid specifications such as clean crisp imprint and the ability to withstand various sterilization methods of the finished product. EP Series Foils are designed to stamp on new generation non-PVC substrates.

As a component of these FDA approved healthcare products, the EP Series Coatings are non-toxic and have been developed to meet specific application and industry requirements. The unique polypropylene carrier provides a quick and clean release of the pigment and can be stamped at lower temperatures, which reduces rejects due to puncture holes.

Substrates

- Multiple layer extruded film with olefinic surface (PVC-free material)
- Polypropylene

Physical Properties

- Carrier: 80 gauge (21 micron) polypropylene
- Application area: Fine to medium coverage

Recommended Stamping Conditions

Condition	Vertical Press
Temperature Range	290° - 340°F / 143°C – 170°C
Type of Die	Metal
Dwell	0.2 – 0.4 seconds
Pressure	40 – 80 P.S.I.

Features	Advantages	Benefits
Non-toxic	As a component of FDA approved healthcare products, CFC's foils meet stringent application and industry standards	Safe product for rigid toxicity specifications
Outstanding workability	Quick and clean release of pigment improves production line speeds	Increases productivity
Polypropylene carrier film	Lower stamping temperatures minimize puncture holes in the substrate caused by excessive heat. Spent carrier can be pelletized and recycled.	Reduces scrap and increases profitability. Environmentally friendly.



