

## Technical Data Sheet

## SL SERIES

### Description:

The SL Series Foils are specifically formulated for high speed hot stamping of eye droppers, pipettes and syringes. In addition, these foils provide excellent coverage for numerous fine-line polypropylene and polyethylene substrate applications such as cosmetic container, advertising specialties, housewares, switches, etc.

As a component of these FDA approved healthcare products, the SL Series foils have been developed to meet specific application and industry requirements. SL Series foils are non-toxic and feature easy release, sharp imprint, and legible marking characteristics. After stamping, these foils stand-up to sterilization processes without suffering from problems such as offsetting or adhesion loss.

### Substrates:

Polyethylene  
Polypropylene

### Coverage:

Fine detail

### Application Temperature:

Condition	Vertical Press
Temperature Range	275°F - 375°F / 134°C - 190°C
Type of Die	Metal
Dwell	0.2 – 0.4 seconds
Pressure	40 - 80 P.S.I.

### Carrier:

12 microns (48 gauge) polyester film

Features	Advantages	Benefits
Non-toxic	As a component of FDA approved healthcare products, these 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
Passes sterilization processes	After stamping, pharmaceutical bags must be sterilized. Foils resist high temperature and humidity with print	Reduces scrap and increases profitability

The information herein is based on scientific data available to us and is presented in good faith. Values that are presented are intended only as a source of information and given without guarantee and do not constitute a warranty. No guarantee or warranty is given as to the accuracy, reliability or completeness of the information herein. Since the conditions under which the product and/or this information may be applied are beyond our control, we can assume no liability for the results of the application. No representation or warranty regarding the compliance of the foil product with the information provided herein can be given. This information does not release the customer from their own liability for care in examination of the product for their intended use. Purchasers should independently determine, prior to use, the suitability of this material for their specific application. No warranty, expressed or implied, is given.