
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

Shelf Life:

Hot stamping foils should perform to standards for a period of 1 year from date of manufacture. Foil must be stored away from extreme heat, cold and moisture. Ideal storage temperature range is 50° - 85°F, relative humidity of 20 – 70%. Do not store rolls on its side or in direct sunlight.

Standard SL Foils

B10SL Black
B215SL Black

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

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