

Technical Data Sheet

B....AB Series

Product Description

The AB Series Foils are specifically formulated for hot stamping 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. AB Foils are designed to stamp on white, clear and matted substrates.

As a component of these FDA approved healthcare products, the AB Series Foils have been developed to meet specific application and industry requirements. These hot stamp 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.

AB Series Foils are also used in the toy and flexible packaging markets.

Substrates

| AB Series | |
|-----------|---|
| ABS | Polyethylene |
| Acetate | Polystyrene |
| Acrylic | Rigid and Flexible Vinyl |
| SAN | Application on to EVA subject to customers trials |

Physical Properties

- Carrier: 48 gauge (12 micron) polyester
- Application area: Fine to medium coverage

Recommended Stamping Conditions

| Condition | Vertical Press |
|-------------------|-------------------|
| Temperature Range | 120 °C – 166 °C |
| Type of Die | Metal |
| Dwell | 0.2 – 0.4 seconds |
| Pressure | 40 – 80 P.S.I. |

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Standard AB Foils

| | | |
|----------------|--------------|---------------------|
| B2492AB Yellow | B8726AB Blue | B9326AB Red |
| B1100AB White | B9267AB Aqua | B9430AB Orange |
| B5603AB Black | B670AB Blue | B747AB Medium Green |

Additional colors are available upon request. A minimum order quantity will apply.

| 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 |
| Passes sterilization processes | After stamping, pharmaceutical bags must be sterilized. Foils resist high temperature and humidity with print remaining legible | Reduces scrap and increases profitability |
| Resists plasticizer migration, no offsetting | Pharmaceutical bags can be stacked after hot stamping without concern for offsetting or plasticizer migration attacking the foils | Increases productivity |

NOTE: Instructions given herein are approximate and adjustment may be required in adapting materials for use in any specific application. The data presented is a result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made. Date: 03/2011

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