



Medical Grade Hot Stamp Foil

B....AB-Series

DESCRIPTION:

As a component of FDA listed health care products the AB-Series has been developed to meet specific applications and industry requirements. AB-Series are designed to stamp on white, clear and matted substrates. They are non-toxic and also used in the flexible packaging market.

APPLICATIONS:

Specially formulated for hot stamping flexible IV, blood and drainage bags made from:

- PVC: Rigid and Flexible Vinyl
- Polyolefine: HDPE, LDPE, PP
- Acetate: Application onto EVA subject to customer's trials
- Styrene: ABS, PS, SAN

RESISTANCE PROPERTIES:

After stamping, these foils resist to sterilization processes without suffering from problems such as offsetting or adhesion loss.

CHARACTERISTICS:

Colors:

| | | | |
|---------------|----------------|---------------|---------------|
| B5603AB black | B9326AB red | B8726AB blue | B9267AB Green |
| B747AB green | B9430AB orange | B1100AB white | B670AB blue |

- Carrier Gauge: 48 gauge (12 micron) polyester
- Stamping Conditions: Vertical Press, Metal Dye, Heat: 120-160°C, Dwell time: 0.2-0.4 seconds, Pressure: 40 - 80 psi
- Characteristics: Clean crisp imprint, fine to medium coverage, easy release, legible marking characteristics, ability to withstand various sterilization methods of the finished product without suffering from offsetting or adhesion loss.



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GENERAL INFORMATION:

- Standard roll length: upon request
- Standard Roll width: upon request
- Standard cores: 1 inch or 3 inch plastic cores
- Labeling: Rolls labeled with: material reference, batch number and roll length. Further details upon request. Splices: Butt splice made with heat resistant red tape.
- Packaging: In PVC bag and cardboard boxes
- Storage: Avoid excessive heat and moisture. Do not store beside heater or in direct sunlight.
Recommended Temperature 15°C-28°C / Humidity 50-55 %

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.