



# Medical Grade Hot Stamp Foil

## B....PP-Series

### DESCRIPTION:

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

### APPLICATIONS:

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

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

### RESISTANCE PROPERTIES:

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

### CHARACTERISTICS:

Colors:

B560PP black   B9326PP red   B8726PP blue   B747PP Green

- Carrier Gauge: 48 gauge (12 micron) polyester
- Stamping Conditions: Vertical Press, Metal Dye,  
Heat: 120-166°C, Dwell time: 0.2-0.4 seconds, Pressure: 40 - 80 psi
- Characteristics: Clean crisp imprint, fine to medium coverage, quick and clean 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 %