

Technical Data Sheet

B....PP Series

Product Description

The PP Series Foils is 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. PP Foils are designed to stamp on white, clear and matted substrates.

PP 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.

PP Series Foils can also be used in the toy and flexible packaging markets.

Substrates

PP Series	
PP	Polypropylen
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.

CFC Europe GmbH

Rigistraße 20

73037 Göppingen

Germany

Phone +49 7161 8009 0

www.itwsf.com

Technical Data Sheet

B....PP- Series

Standard PP Foils

B5603PP Black B747PP Green
 B8726PP Blue
 B9326PP Red

Additional colors are available upon request. A minimum order quantity may 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: 10/25/05.