

**Product:** SG

**Category:** Metallic Hot Foil

## Technical Information

<b>Machines</b>	Platen, Cylinder and Rotary.
<b>Characteristics</b>	Medium release foil which gives good fine detail and medium area coverage.
<b>Substrates</b>	Coated and some uncoated papers and boards. Paper label stocks and some filmic materials. Conventional ink printed substrates. Some UV cured inks and coatings. Some bookbinding and semi-rigid plastic materials.
<b>Resistance</b>	Good resistance to Water (STM06), Wines and Spirits (STM07) and Plasticiser migration (STM08).
<b>Operating Temperatures</b>	Platen: 100-130°C, Cylinder: 120-160°C, Rotary: 170-220°C.
<b>Storage</b>	Foils should not be stored or transported in direct sunlight, and should avoid extremes of heat and humidity, as well as condensation and undue pressure on the roll. Under ideal storage conditions of 5-25°C and 30-60% relative humidity, a storage life of 12 months should be possible.

## Certification

Classed as non-toxic and meets stringent legislation of numerous industry standards including:

- CONEG (Relating to the protection of the environment).
- EN71.3 (Relating to toys, food packaging etc.).
- BS5665 Part 111 1995 (Relating to Toy Safety).
- ROHS - 2002/95/EC (Relating to electrical components).
- The EC Directive on Packaging and Packaging Waste 94/62/EC, The UK Packaging Regulations 1998.

## Applications

- Conventional ink printed substrates
- Conventional and emulsion coatings
- Semi rigid plastic substrates
- Dry and uncoated papers and boards
- Some book binding

Data contained in this product spec sheet is provided as a source of information that we believe to be accurate and reliable but does not constitute a warranty of any kind. The operating temperature ranges serve only as a start-up reference. Proper temperature setting will depend on several other application conditions such as type of machinery and tooling, coverage, application speed and pressure, and other factors. Customers should determine to their own satisfaction the suitability of this material for a specific purpose. Ball & Doggett reserves the right to change specifications without notice. Please contact your local Ball & Doggett office for further information about this product.