

# DataLase SB Coatings



**Recommended use:** Laser coding & marking of flexible substrates

**Printing method:** Solvent-Based Flexographic & Gravure

DataLase SB coatings are designed for use in the flexible packaging sector in either solvent-based flexographic or gravure printing processes. The patch can be surface printed or reverse printed for subsequent lamination to provide anti-counterfeit tamper-proof coding.

An alternative to continuous inkjet (CIJ) and laser ablation of variable data coding onto flexible substrates (e.g alphanumeric text, expiry codes and lot numbers). DataLase SB coatings address the challenges faced by brand owners and retailers seeking highly-legible machine-readable tamper-proof codes that require 100% traceability. Coding & Marking solutions based on DataLase SB coatings help eliminate consumables from production environments and are scuff/rub resistant reducing potential rework and waste.

When used in combination with an appropriate CO<sub>2</sub> laser marking system, DataLase SB coatings can

help increase throughput and improve productivity through less servicing and maintenance of coding and marking equipment.

DataLase SB coatings can be used for product coding applications in a variety of markets including food & beverage and pharmaceutical on a range of flexible substrates.



## DataLase SB Coatings Benefits

- Eliminates inks and solvents from the production environment
- Reliable alternative to continuous inkjet (CIJ) and laser ablation
- Enables efficient variable data printing onto flexible substrates
- Designed to be heat, water, scuff and rub resistant
- Tamper-proof coding and marking solution
- Suitable for non-direct food contact packaging applications

DataLase SB Coatings		
Product ID	SBG-5300	SBF-5400
Printing Process	Gravure - surface and reverse	Flexographic – surface and reverse
Container Size	20Kg	20Kg
Application	Product Coding	Product Coding
Colour Change	White-to-Black	White-to-Black
Works with CO <sub>2</sub> Lasers	✓	✓
Works with Fiber Lasers	✗	✗
Substrates	Paper, Metalised Foil, Shrink Sleeves, Flexible Films	Paper, Metalised Foil, Shrink Sleeves, Flexible Films

This product has been formulated to comply with the regulations and guidelines for non-direct food contact packaging applications. However, it is the responsibility of the seller of the finished product to ensure all members of the packaging chain comply with recommended guidelines and regulatory requirements. The risk of any contamination affecting food packaging applications should be assessed prior to use.

Optimised for use with Product Coding Laser Hardware