

DataLase Solvent-Based Coatings

Recommended use: Laser coding & marking of laminated substrates

Printing method: Solvent-Based Flexographic & Gravure

Colour Change: Clear to white and white to black

DataLase Solvent based (SB) Coatings are designed for use in the flexible film and laminated packaging sector in either solvent-based flexographic or gravure printing processes. The patch can be surface printed or reverse printed to provide anti-counterfeit tamper-proof coding.

An alternative to continuous inkjet (CIJ), pressure sensitive labels and laser ablation of variable data coding onto laminated substrates (e.g alphanumeric text, QR codes, expiry codes and lot numbers). DataLase SB Lamination Coatings address the challenges faced by brand owners and retailers seeking highly-legible machine-readable tamperproof codes that avoid direct food contact. Coding & Marking solutions based on DataLase SB Lamination Coatings help eliminate consumables from production environments and are scuff/rub resistant reducing potential rework and waste.

When used in combination with an appropriate CO₂ or fiber laser marking system, DataLase SB Lamination Coatings can help increase throughput and improve productivity through less servicing and maintenance of coding and marking equipment.

DataLase SB Lamination Coatings can be used for product coding applications in a variety of markets including food & beverage, home & personal care, pharmaceutical and medical on a range of multi and mono polymer layered laminated substrates such as pouches, booklets and leaflets.



Key Features

- Eliminates inks and solvents from the production environment
- Reliable alternative to continuous inkjet (CIJ), laser ablation and labels
- Enables efficient variable data printing onto flexible substrates
- Designed to be heat, water, scuff and rub resistant
- Tamper proof, anti-counterfeit coding and marking solution
- Marking under lamination and suitable barrier layers avoids direct food contact
- Enables instant QR code imaging

DataLase Solvent-Based Coatings

Product ID	SBG-9334	SBG-9304	SBG-5334	SBG-5304
Container Size	20kg	20kg	20kg	20kg
Application	Product Coding	Product Coding	Product Coding	Product Coding
Colour Change	Clear-to-white	Clear-to-white	White-to-black	White-to-black
CO ₂ Laser	✗	✓	✗	✓
Fiber Laser	✓	✗	✓	✗
Surface Print	✓	✓	✓	✓
Reverse Print	✓	✓	✓	✓
Lamination	✓	✓	✓	✓
GS1 Compliant Barcodes	✓	✓	✓	✓
Substrates	Laminated films e.g OPP, PET, PE and metalised*	Laminated films e.g OPP, PET, PE and metalised*	Laminated films e.g OPP, PET, PE and metalised*	Laminated films e.g OPP, PET, PE and metalised*

Optimised for use with Product Coding Laser Hardware