

DataLase Water-Based Coatings

Recommended use: Laser coding and marking of paper and corrugated board substrates

Printing method: Water Based Flexographic

DataLase WBF Coatings are designed for use in the paper and corrugated printing industries in either flexographic pre-print or post-print processes, or lithographic presses equipped with water based coating units.

Developed as an alternative to print & apply labelling and high resolution inkjet printing of shipping data onto boxes (e.g. GS1 compliant barcodes, variable price/weight information, variable contents/ ingredients data), DataLase WBF Coating addresses the challenges faced by brand owners and retailers seeking novel solutions to their mandatory shipping data needs. DataLase WBF Coating formulations have been optimised to provide unsurpassed product stability and excellent flow properties. When used in combination with an appropriate CO₂ laser marking system, DataLase WBF Coating helps eliminate label backing waste and/or hazardous ink disposal from supply chains by removing the need for consumables in production/ manufacturing environments. DataLase WBF Coatings

can be used for case coding applications in a variety of applications including food & beverage and e-commerce on either brown or white paper and board substrates.



Key Features

- Positive environmental impact by reducing supply chain waste
- Reliable alternative to print and apply labelling & high resolution inkjet printing
- Compatible with flexographic print quality
- Enables efficient variable data printing onto paper and board substrates
- Designed to be heat, water, scuff and rub resistant
- Suitable for non-direct food contact packaging applications
- Enables instant QR code imaging

DataLase Water-Based Coatings			
Product ID	WBF-6100	WBF-6101	WBF-5100
Container Size	20Kg	20Kg	25Kg
Application	Case Coding	Case Coding	Case Coding
Colour Change	Clear-to-Black	White-to-Black	White-to-Black
Pre-Print Applications	✗	✗	✓
Post-Print Applications	✓	✓	✓
Works with CO ₂ Lasers	✓	✓	✓
Works with Fiber Lasers	✗	✗	✗
Suitable for Cold Corrugating	✓	✓	✓
Suitable for Hot Corrugating	✗	✗	✓
GS1 Compliant Barcodes	✓	✓	✓
Substrates	Corrugated Board Folding Cartons	Corrugated Board Folding Cartons	Corrugated Board Folding Cartons

Optimised for use with Case Coding Laser