

# DataLase UV Curable Coatings

**Recommended use:** Laser coding and marking for labels & films

**Printing method:** UV Flexographic & UV Offset

**DataLase UVF Coatings are designed for use on narrow web printing presses, and UVO offset coatings for litho presses, equipped with UV curing lamps.**

Suitable for use on both synthetic and paper substrates, DataLase UV Coatings can be used to help address the challenges faced by production/ manufacturing companies with product coding applications, such as printing expiry dates and lot numbers onto primary packaging labels. DataLase UVF Coating formulations have been optimised to provide unsurpassed product stability and excellent flow properties. When used in combination with an appropriate laser marking system, consistent high quality, high contrast, permanent black-on-white coding can be achieved.

DataLase UV curable Coatings can be used for food & beverage, home & personal care, pharmaceutical, medical and industrial label applications.



## Key Features

- Optimised by DataLase specifically for UV curable print processes
- Sharp and clear print quality
- Designed to be heat, water, scuff and rub resistant
- Eliminates consumables from production/ manufacturing environments
- Suitable for non-direct food contact packaging applications
- Improves overall productivity when combined with an appropriate CO<sub>2</sub> laser marking system
- Enables instant QR code imaging

| DataLase UV Curable Coatings      |                       |                       |                       |
|-----------------------------------|-----------------------|-----------------------|-----------------------|
| Product ID                        | UVF-5200              | UVF-5200-F            | UVO-5550              |
| Container Size                    | 5 Kg                  | 5 Kg                  | 5 Kg                  |
| Application                       | Product Coding        | Product Coding        | Product Coding        |
| Colour Change                     | White-to-black        | White-to-black        | White-to-black        |
| Works with CO <sub>2</sub> lasers | ✓                     | ✓                     | ✓                     |
| Works with Fiber Lasers           | ✗                     | ✓                     | ✗                     |
| Surface Print                     | ✓                     | ✓                     | ✓                     |
| Reverse Print                     | Application dependent | Application dependent | Application dependent |
| GS1 Compliant Barcodes            | ✓                     | ✓                     | ✓                     |
| Substrates                        | Film, paper           | Film, paper           | Metal, film, paper    |

Optimised for use with Product Coding Laser Hardware