



SECURE

BRAND PROTECTION



Secure print for every need

We've worked with some of the world's biggest brands, events and organisations, using our unbeatable secure print techniques to create world-leading secure print products with features including tamper-evidence, counterfeit protection, brand protection, anti-copying benefits and more.

Now we're taking secure print to the next level.



We've designed Ebi Secure to be flexible - so its industry-leading security features can be applied to a vast range of business and marketing material.

Ebi Secure is an exclusive new range of products that makes it simple to find exactly what you need to make sure your print products stay as secure as you need, whether you're looking for non-tear wristbands and tamper-evident parking permits for a convention, tickets and passes with sophisticated covert security features for VIP event, tamper-evident security seals and labels, or something completely different.



Brand protection



Counterfeit protection



Anti-copying & scanning



Authentication



Tamper Evident

For a digital version of Ebi Secure Brand Protection
please scan here....



Incorporate many different features within a single product for unmatched security

- ✓ Over 40 secure print features to choose from
- ✓ Security inks, holograms, UV and invisible print techniques and more
- ✓ A diverse range of materials to choose from, including recyclable and non-tear
- ✓ Full in-house design and prototyping with Ebi Create
- ✓ Diverse printing and finishing capabilities through Ebi Produce
- ✓ Collation, fulfilment, pick and pack all available to support Ebi Secure through Ebi Fulfil







We have one of the most diverse in house design, print and fulfilment facilities in Europe and are solution driven to design and produce the most suitable and cost effective products for our customers by investing the time to understand their business needs and requirements















produced by



This document is a guide only.

 Specialist Inks	 Brand protection	 Counterfeit protection	 Anti-copying & scanning	 Authentication	 Tamper Evident
Metallic Inks	•		•		
Liquid Crystal Ink	•		•		
Photochromic Ink			•		
Iridescent Inks	•		•		
Glow in the Dark Inks	•		•		
Thermochromic Ink	•		•		
Day Glo Fluorescent Inks	•		•		
UV Fluorescent - Invisible Ink	•		•	•	
Colourshift / Optically Variable Ink		•	•	•	
Hydrochromic Ink - Irreversible	•				•

 Print Techniques	 Brand protection	 Counterfeit protection	 Anti-copying & scanning	 Authentication	 Tamper Evident
QR Codes	•			•	
Personalisation				•	
Lenticular Image switch	•		•		
Microtext	•	•		•	
Hydrochromic - reversible - Wet & Reveal	•		•		
Scratch & Reveal	•			•	
Guilloche	•	•			
Crystal Pattern	•	•			
Numismatic security design	•	•			

 Specialist Features	 Brand protection	 Counterfeit protection	 Anti-copying & scanning	 Authentication	 Tamper Evident
Security Die Cuts					•
Hot Foil	•		•		
Surface Emboss / Deboss	•		•		
Holographic Foil	•	•	•	•	
Tamper Evident Writable Areas				•	•
Machine Readable Taggants	•			•	
Encapsulating / Laminating	•				•
Flash Photo & Reveal	•		•	•	
Void Release labels					•
Hologram Label	•	•	•	•	
RFID labels	•			•	
Frangible Label					•

Please give us a call, on 01773 761341. Our experienced teams can ensure you get the right product for the right campaign.
The security features described on this chart are a guide only and FOC samples can be supplied for testing.
We do have more security features available, which may be more suitable for your product.

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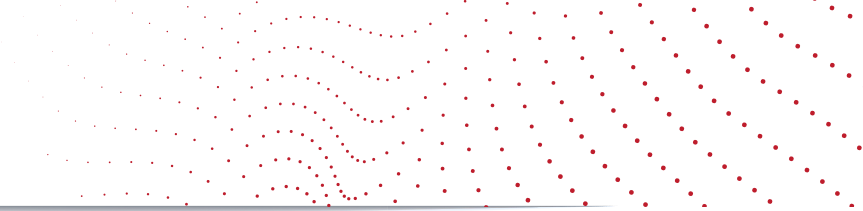
Specialist Inks

Metallic Inks	The ink contains metallic particles which are not able to be copied/printed through colour photocopies, digital scanners and computer printers. This provides a low security anti-photocopy feature.
Liquid Crystal Ink	Highly responsive to temperature change, quickly changing colour reversibly as they are warmed or cooled. These inks change colour through a full spectrum of colours, and work well with body heat.
Photochromic Ink	These inks are colourless with indirect light, they change colour dramatically when placed in direct sunlight and can also be viewed with a UV light / torch. When the direct light source is removed they fade back to colourless.
Iridescent Inks	The inks change colours between almost transparent and a iridescent pearl shimmer, which cannot be copied/printed through colour photocopies, digital scanners and computer printers.
Glow in the Dark Inks	These glow in the dark inks, absorb light energy, store it and then emit a green glow in low light conditions. The brightness and duration of the glow is dependant on both the strength of the exposed light and the time that the print has been exposed to the light source, essentially charging the ink with light energy.
Thermochromic Ink	Ink that changes colour or disappears when temperatures increase or decrease by heating or cooling - they can be used to reveal a hidden code / message.
Day Glo Fluorescent Inks	These Fluorescent inks, appear bright in daylight conditions. Are available in a range of bright colours and are not able to be copied/printed through colour photocopies, digital scanners and computer printers.
UV Fluorescent - Invisible Ink	Security inks that are invisible until exposed to UV light - an invisible multi-coloured UV Fluorescent image can be created out of a combination of 2, 3 or more of these invisible colours, that will then Fluoresce brightly when illuminated with a UV light/torch.
Colourshift / Optically Variable Ink	Inks that change between 2 or 3 different colours when viewed from different angles - Ebi have access to inks that are governed by strict restricted use policies
Hydrochromic Ink - Irreversible	Irreversible Hydrochromic inks, that have a colour, that then becomes colourless with addition of water, and then stay colourless once it dries.



Print Techniques

QR Codes	Printed codes that can link to websites or verification software.
Personalisation	Personalisation - Variable data digital printing of any individual information, such as names, personal information, photographs, expiry dates, serial numbers or any other type of individual data.
Lenticular Image switch	A combination of specialist lens and software that are used to create dazzling interlaced images that switch between multiple images when viewed from different angles.
Microtext	Very small text characters that are only visible under a magnified view and not with a naked eye
Hydrochromic - reversible - Wet & Reveal	Hydrochromic ink -reversible, it is white when dry and translucent when wet, once the ink dries it goes white again and so is ideal for obscuring messages, called "Wet and Reveal" when used to reveal a hidden code.



Print Techniques Continued

Guilloche Pattern	A sophisticated design technique which has a very precise intricate and repetitive pattern that is extremely difficult to replicate
Crystal Pattern	Crystal Patterns - A security design and print technique that creates complex patterns based on the reflection of crystals. This allows the customisation of designs by developing detailed replicating patterns based on natural crystal structures.
Numismatic security design	Numismatic security design, complex fine line relief patterns that are extremely difficult to replicate. The specialist security design software creates a series of fine parallel lines which are very slightly altered in order to create a complex pattern that can be used to create text and/or images out of the very fine relief lines.



Specialist Features

Security Die Cuts	Cuts can be added to a label such that if it is removed from its surface it will tear
Hot Foil	Hot foil is available in many metallic colours and provides a low level security anti-photocopy feature.
Surface Emboss / Deboss	A raised or indented pattern or shape that is both a visible and tactile feature.
Holographic Foil	Range of holographic foils, from decorative, security and high security holograms, that can incorporate multiple levels of security. Standard security holograms can be enhanced with intricate foil dies. Security holograms can be designed and originated especially for the security customer / project using a sophisticated and restricted origination process the bespoke hologram can include nanotext, microtext, image switches, laser codes, multiple levels, 2D and 3D elements, colour-shifts, nanomaps etc. etc. etc
Scratch & Reveal	Opaque Latex inks, that can be rub removed/scratched off to reveal a hidden code / message.
Tamper Evident Writable Areas	Writable areas can be in-filled with a pattern of ink such that once written on if the writing is removed it will also affect the background pattern showing tamper evidence
Machine Readable Taggants	Semi - forensic print feature, using invisible taggant inks that require specialist detection devices.
Encapsulating / Laminating	Protecting personalised data by the use of protective overlays.
Flash Photo & Reveal	A code or message can be printed with clear retro-reflective pigments in the ink which will only appear when someone takes a flash photo.
Void Release labels	Leave a void message upon attempted removal from the surface indicating the label has been tampered with so it cannot be reused
Hologram Label	Holographic labels are available with all of the holographic features discussed in the Holographic Foil section.
RFID labels	Contactless, Radio Frequency Identification labels, incorporating antennas and microchips. Can be uniquely coded with chip ID and additional information.
Frangible Label	A thin delicate material which is extremely tamper evident as the material has very little strength and structural integrity so that if it is removed from a substrate it will fragment into tiny pieces