



# ESSENTRA

## PRINTED BLISTER FOIL AND COLD FORM

**Essentra's printed decoration solutions for blister foils and Cold Form material meet pharmaceutical quality requirements and high-efficiency packing demands for primary packaging.**

The multisite platform provides the highest levels of conversion flexibility with reduced minimum order volumes (as low as 5kg) and quick turnaround times together with supply and contingency planning reassurance for our clients.

A portfolio of base material, from multiple established suppliers, is available to deliver the required product protection and ease of opening as well as conforming to regulation. Experienced technical support is available to deliver a tailored solution across a number of platforms.

Printed foil options include push-through, peel-push, tear-open, peelable and child-resistant formats.

### QUALITY COMMITMENT

Each of our production facilities satisfies GMP compliance and customer expectation. Our global distribution, independent supply chains and high-specification manufacturing technology make for industry-leading product capability and world-class delivery.

### Benefits

Flexographic print

In-house graphic design service

Anti-counterfeiting options

Regulatory and pharma GMP compliant

Produced in a clean-room environment (ISO 14644-1 Class ISO 8)

Ink specification enables us to print on the polyamide surface of Cold Form material





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# HEALTHCARE AND PHARMACEUTICAL CARTONS

**Essentra is a leading producer of cartons for the healthcare and pharmaceutical sectors. Driven by customer requirements, we use multiple material substrates including conventional and metallised board.**

Our engineering and design team constantly innovate carton solutions and continuously improve our current product line to meet specific customer demand for more effective and economical packaging and printing.

## QUALITY COMMITMENT

Each of our production facilities satisfies GMP compliance and customer expectation. Our global distribution, independent supply chains and high-specification manufacturing technology make for industry-leading product capability and world-class delivery.

## Our solutions include

Carton designs and structural prototypes developed in-house

Offset print process with both UV and conventional inks; UV and water-based coatings are available

Computer-to-plate technology deployed at all sites

Intricate die cutting and blanking

Specialist gluing solutions

Printing on both sides of the board

Anti-theft labelling

Anti-counterfeiting and authentication technology



## Product features and options

Board trays for fragile parenteral containers

Carton and label combination

Carton and leaflet combination

Specialist inks and varnishes

Hot/cold foiling or print on to metallised board

Matt, gloss or a combination finish

Window-patched carton

Cartons with Braille

Embossing and debossing

Silk-screen detailing

Micro-perforations

With a commitment to innovation and solution delivery, we also produce specialist cartons for specific products.



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## COMBOPACK™

**For packaging applications where inserting leaflets into a pharmaceutical product carton is difficult or costly, Essentra has a solution. ComboPack™ means cartons can be preloaded with a cross-folded tagset before contents are added.**

It's quick and easy to use, there is no need for a separate folding process, and it reduces transport costs as the combined package and contents are produced on the same site.

### QUALITY COMMITMENT

Each of our production facilities satisfies GMP compliance and customer expectation. Our global distribution, independent supply chains and high-specification manufacturing technology make for industry-leading product capability and world-class delivery.

### Benefits

Reduces production costs

No compromise to packing line speed or efficiency

No need for folding process at insertion stage

Less packing line maintenance

No need to change item SKU/die as no additional board is used

Lower ecological impact because of reduced transportation and material usage





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# EXTENDED CONTENT LABEL SOLUTIONS

For healthcare packaging that must carry lots of information, Essentra has a solution. Our pressure-sensitive, multipanel extended content labels and two- or three-ply Peel 2 Read labels provide extra space for instructions, translations, legal text and ingredients. They offer production efficiency, helping to reduce handling and eliminate mislabelling.

Manufactured in a GMP environment designed for servicing the needs of the healthcare market, our labels can be tailored for your specific application.

Essentra designs and manufactures market-leading innovative label solutions for many international pharmaceutical, healthcare, medical device and clinical trial companies.

## Features

Ideal for pharmaceutical product warnings and dosage instructions

Useful for clinical trials where multiple languages are needed

No need to buy additional leaflets

Suitable for product tracking

Wide selection of adhesives and face stocks

Essentra  
Extended content label

Essentra  
Peel 2 Read label



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# HEALTHCARE AND PHARMACEUTICAL LABELS

**Our self-adhesive healthcare label products are manufactured to specific customer requirements and supplied on a roll for automated high-speed application.**

They can be produced on a wide range of substrates including plastic films, paper and laminate materials for application to a range of different containers.

Technical support ensures the right adhesive is selected for permanence, repositionability and tamper evidence, while our inspection systems check for label print accuracy. Our stringent procedures ensure 100% control from origination to final production.

We can also provide a total label reconciliation service, removing the need to count labels for specific lines or returning stock.

## QUALITY COMMITMENT

Each of our production facilities satisfies GMP compliance and customer expectation. Our global distribution, independent supply chains and high-specification manufacturing technology make for industry-leading product capability and world-class delivery.

## Our healthcare label solutions include

Paper, laminates, film and synthetic substrates (PE, PET, PP, PS, vinyl)

Adhesive/reverse printing

Leaflet labels

Booklet labels

Syringe labels

Peel 2 Read (2- and 3-ply)

Peel and reseal labels

Braille

Sequential back numbering

Security features: holograms, security print and void release

Extra security slitting

## Our innovative formats include

Pharma-Sling® – pressure-sensitive labels with an additional ply of clear over-laminate to allow for container or device hanging

Extended content – pressure-sensitive multipanel labels that reduce handling, increase production and help eliminate mislabelling

Peelable (2- and 3-ply) – simple peel-back labels that enable extended text on the pack to house information such as instructions, multiple languages, legal information and ingredients

Peel and reseal – work in the same way as Peel 2 Read labels but have a re-closing capability so can be resealed throughout the life of the product





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# HEALTHCARE AND PHARMACEUTICAL LEAFLETS

**We use advanced printing and folding technology to produce high-quality patient information leaflets in a wide variety of formats and finishes as folded, flat or on-roll (single, double, triple and quadruple).**

Our specialist product range, made to customer specification, includes pure parallel fold, wallet parallel fold, open-edge cross fold, outserts, spot-glued leaflets, tagserts, security and sachet leaflets.

And we offer innovative leaflet formats including Piggyback®, which are folded leaflets glued together back to back to provide maximum printing space in a compact design, and Plurium™, a multipage folded booklet offering separate sections for different audiences and languages.

## QUALITY COMMITMENT

Each of our production facilities satisfies GMP compliance and customer expectation. Our global distribution, independent supply chains and high-specification manufacturing technology make for industry-leading product capability and world-class delivery.

## Features

Printed on web or flat sheet offset litho presses

Wide range of substrates

Single and multicolour options

Larger sizes available

In-house graphic design studio

## Our solutions include

Folded

Flat

On-roll (single, double, triple, quadruple)





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## PLURIUM™

**Our Plurium™ products enable large volumes of information to be displayed at compliant font sizes, and are available in either leaflet or booklet formats.**

Both formats comprise up to five sheets (10 printed pages) glued at the spine, which can be colour coded to highlight different sections, languages or audiences.

The leaflet format can be supplied as pre-folded with different dimensions and page counts including parallel, cross and Vijuk-folded, tagsert or outsert using up to 50gsm stock. Or there's flat-form reel, which offers an efficient process without the need to change the settings or the size of folding machines.

The Plurium™ booklet features a board cover, which can be affixed within carton packaging for increased processing benefits.

### QUALITY COMMITMENT

Each of our production facilities satisfies GMP compliance and customer expectation. Our global distribution, independent supply chains and high-specification manufacturing technology make for industry-leading product capability and world-class delivery.

### Leaflet benefits

Increased volume of information without enlarging paper dimensions

Flat form: folded directly into cartons on line

Parallel folded: fed into the box with the product

### Booklet benefits

Carton board cover

Permanently or temporarily fixed inside packaging

No staples: no risk of rust in humid environments; extremely economical compared with stapled booklets

100% recyclable

Compatible with pre-insertion ComboPack™ technology





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# PARENTERAL PAPER PACKS (PPP)

Designed for fragile products such as vials, bottles, ampoules and syringes, Parenteral Paper Packs (PPP) are an important environmental packaging innovation. Made of 100% recyclable carton board instead of plastics, these display boxes have minimum impact on virgin fibres and they do not require any extra assembly operation before adding the product.

Standard IMA SAFE packaging equipment is used to erect the container, tray or display box then pick 'n' place systems lock items in place inside the boxes. PPP use cheaper materials than standard, require lower manufacturing precision and are extremely stable, enabling high-speed handling.

## QUALITY COMMITMENT

Each of our production facilities satisfies GMP compliance and customer expectation. Our global distribution, independent supply chains and high-specification manufacturing technology make for industry-leading product capability and world-class delivery.

## Benefits

No need for additional assembly before product insertion

Made from recyclable carton board

Product 'locked' into tray for complete stability and security

Suitable for high-speed lines

Significant cost savings versus traditional solutions

Tamper evidence by means of pre-cut label or paper foil

Adaptable to new product configurations

Environmentally friendly





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# MINISITE LINKING LABELS

Essentra offers labels that allow linking to digital platforms. Try one of the labels below to visit our minisite ([www.theessentialmix.com](http://www.theessentialmix.com)).

## Digital watermark label

A covert printed solution known as a digital watermark has been integrated into the print on this label.

## Peel 2 Read label

QR codes offer an overt, well-known and easy means for people to access information via their smart phones. Peel to read our QR code.

### Instructions

1. Access the App Store on your smart device (Apple and Android enabled)
2. Search for Packlinc app (to read digital watermark label) and QR code reader app (for Peel 2 Read label)
3. Download these apps
4. Open relevant app and hold your device level and steady above the relevant label
5. Follow app advice for read windows and read distances
6. Both apps will recognise the feature and redirect you to the minisite

DIGITAL WATERMARK LABEL

PEEL 2 READ LABEL

### Digital watermark label features

Numismatic and microtext print

Colourshift 702 red/gold print

Security slit material

### Peel 2 Read label features

QR code

2-ply label



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# SECURITY SEALS

We offer a vast range of security seals for diverse market sectors. It is a fast, obvious way to tell if tampering or unauthorised access has occurred to keylessly sealed items.

Our specialist R&D team develops security sealing solutions for a range of sectors including

- |                   |                   |                  |
|-------------------|-------------------|------------------|
| - Food & drink    | - Airline         | - Petrochemical  |
| - Entertainment   | - Banking         | - Retail         |
| - Healthcare      | - Cash-in-transit | - Transport      |
| - Law enforcement | - Manufacturing   | - Post & courier |

We offer different levels of security depending on the customer's requirements and the potential risk. Sometimes, they require just one level, but often we layer technologies to build a unique solution.

## High-security seal

Made of material such as metal or metal cable with the intent to delay intrusion.

## Security seal

Made of material that provides limited resistance to intrusion and requires lightweight tools for removal.

## Indicative seal

Made of material that can be easily broken by hand or by using simple snipping tools.

## Products

**Barrier:** HanaLock, AluLock

**Fixed length:** OctoLock, TwinLock, MetaLock

**Variable length:** Teralock, SegurLock, Mini JawLock

**Special purpose:** CartLock, ArrowLock, KertasTack





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## TEAR TAPE

Our tear tape technology is an ideal medium to incorporate easy opening, tamper evidence and security into product packaging efficiently and cost-effectively. Our 10-colour gravure printing capability and sophisticated slitting lines ensure our tapes meet exacting standards. They are applied to a wide variety of packs, from flexible overwraps and sleeves to cartons, boxes and hermetically sealed packs.

Tear tape can carry a variety of sophisticated brand-protection devices, including the latest security print features. The prism family of holographic tear tapes incorporates a selected range of decorative gold and silver holographic film with visually stunning dimensional effects.

### Key benefits

- Standard house designs offer fast implementation on pack
- Bespoke holographic designs can carry branding for 'halo' effect
- As an International Hologram Manufacturers Association member, we can register bespoke designs for counterfeit protection
- Added security via combinations of holographic features

All our tear tape products are supported by a range of tear tape dispensers and application systems for retrofit to most types of packaging wrappers and corrugators.

Our three main products are

### Supastrip®

Designed to tear through a variety of flexible packaging types

**Adhesive:** Pressure-sensitive film type – 26- and 40-micron MOPP

**Additional features:** Printed message and security technology carrier

### Rippatape®

Designed to tear through a variety of corrugated and fibreboard types

**Adhesive:** Pressure-sensitive film type – 60-, 90- and 125-micron MOPP, 80-micron HDPE

**Additional features:** Printed message and security technology carrier

### Vaktape®

Designed to tear through packaging requiring a hermetic seal

**Adhesive:** Heat-activated film type – 55-micron PET

**Additional feature:** Printed message

