



# Sustainable Packaging Solutions for the Cheese Market

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FFP have many years' experience in producing high quality packaging for the cheese industry and our award winning sustainable packaging solutions provide cheese producers with the opportunity to move product lines over to a recyclable packaging solution. FFP's outstanding technical expertise & experience has allowed us to develop sustainable flexible packaging that can be recycled now in the UK utilising current waste streams.



# Packaging solutions for the Cheese Market

The United Kingdom has a proud history of cheese making that stretches back millennia and we now have hundreds of different kinds of cheeses manufactured here.

From artisan and traditional cheeses to brand new types and flavours produced in huge manufacturing plants. From ingredients in home cooked meals to snacks in lunch boxes, it is a pretty safe bet that you will find some kind of cheese in the majority of fridges in the UK.



## About the market

In 2020, approximately 474 thousand metric tons of cheese were produced in the United Kingdom\* with 193k tonnes being exported\*\*. The requirement therefore for durable and efficient packaging to protect the product through more complicated and extended supply chains and prolong shelf life has never been more important.

Add to this the desire to move to more sustainable packaging solutions and the cheese industry presents both challenges with regard to material specifications but also opportunities to significantly impact on the volume of more sustainable packaging solutions being bought to market.

\*source: [www.statista.com](http://www.statista.com)

\*\*source: [www.ahdb.org.uk](http://www.ahdb.org.uk)



# Sustainability - FFPE

FFP have wholeheartedly committed to the development of materials and pack formats that can help to reduce any negative impact on the environment. Our technical expertise and manufacturing capability puts us in an optimal position to drive the innovation of more sustainable flexible packaging solutions.



FFP have developed 'FFPE' a 100% recyclable packaging solution that provides sustainable cheese packaging without impacting shelf life and can be produced with high quality finishes to maintain brand integrity.

FFPE is a mono material PE laminate which can be recycled with carrier bags at supermarkets, as classified by OPRL, and can be supplied as pouches, pre-made bags and film on a reel. It can be provided with high barrier and runs efficiently on existing packing lines with no need for capital investment and modifications.

FFPE lends itself perfectly to pouches and bags for grated cheese packaging, flow wrap for blocked cheese, lidding film for cheese portions and is also suitable for use with wet products, making it an ideal option for cheeses such as mozzarella.

To assist in maintaining product freshness and aid portion control, FFPE can be supplied with a PE zip to address resealability without compromising on recyclability and also tears with ease without the need for lasering to make pack opening fuss-free for consumers. With outstanding seal integrity FFPE can be gas flushed with confidence and the material can also be perforated to ensure optimum conditions for 'live' cheeses.

FFPE is a fully printable recyclable packaging solution and can be produced with outstanding print quality that won't scratch or rub-off. FFPE is reverse printed with the print sandwiched between the material layers eliminating any risk of the print diminishing. It also provides brand owners with the opportunity to create vibrant designs that will last the lifecycle of the product and enhance their brand image. It can even be provided with tactile finishes such as gloss or matt effects.

## Features at a glance:

- 100% Recyclable by returning to stores with carrier bags – as classified by OPRL
- Available as pre-made pouches and bags or film-on-a-reel
- All PE Zip available to offer resealability whilst maintaining recyclability
- High print quality and tactile finishes available
- High barrier options available
- Can be perforated for 'live' cheeses
- Performs well on packaging lines with no need for costly upgrades and no loss of throughput
- Outstanding seal integrity
- Tears with ease without the need to laser score



# Sustainability - Esterseal

Esterseal is the original resealable lidding film that has been classified as Recyclable by OPRL and allows you to recycle with confidence.



Currently, the majority of local authorities in the UK do not collect flexible films at kerbside, therefore any packs with a film lid require the consumer to remove the lid prior to recycling the tray and dispose of it in their general waste, which is then sent to landfill or for incineration. Esterseal is a PET resealable lidding film that has been designed to be used with a PET tray. The lidding film is not detached from the tray, allowing the consumer to put the entire pack in their pots, tubs and trays kerbside waste stream ensuring zero lidding film waste needs to be sent to landfill.

Esterseal lends itself perfectly to the cheese industry as it can be used on Multivac lines as well as with pre-formed trays as a sustainable packaging solution for sliced cheeses. With an opening that can be tailored to suit the product and pack and the ability to be resealed multiple times, Esterseal offers outstanding consumer convenience as well as helping

to maintain product freshness and potentially reducing food waste.

Esterseal can be provided with high barrier and also with more than 30% PCR content to exceed the requirements of the proposed plastics tax which is due to come into effect in 2022. It will run easily on existing lines without impacting on manufacturing speeds and is cost neutral compared to existing reclose solutions.

Manufactured at FFP's Northamptonshire facility, Esterseal was developed to offer an immediate packaging solution that utilises current resources and can be interchangeable with current packaging formats. On shelf in all major retailers, Esterseal is already having a huge impact in the recycling of flexible packaging and improving consumer convenience.

## Features at a glance:



- Classified as 'Recycle' by OPRL and collected at kerbside
- Suitable for use on Multivac lines
- High speed processing on standard lines
- Opening can be tailored to suit product and pack
- Can be reclosed multiple times to help maintain product freshness
- Available with over 30% PCR content
- Mono material (PET)
- High Barrier options available



# Technical Data

## All PE Laminate – FFPE



Structure:	Printed or plain laminate (with or without barrier)
Gauge Range:	Non-barrier -50µm to 120µm (+/-10%) Barrier -65µm to 120µm (+/-10%) to meet OPRL maximum of 5% EVOH in structure
Density:	0.94g/cm <sup>3</sup>
Barrier:	MVTR: <5g/m <sup>2</sup> /day OTR(>75mu): <2cm <sup>3</sup> /m <sup>2</sup> /day (High Barrier Option) OTR (65 to 75mu): <3cm <sup>3</sup> /m <sup>2</sup> /day (High Barrier Option)
Print Process:	Flexo
Maximum Number of Colours:	8
Pouch Features:	Zip, Tear notch, Handle
Sustainability Credentials:	Recycle with bags at larger stores
Finishing Options:	Printed or clear, Windows, Recloseable options, White film available
Formats:	Reel form, stand-up pouches, VFFS, HFFS and Sachet (including hot fill)

## Recyclable Lidding Film – Esterseal



Structure:	All PET
Gauge:	48mu +/-5%
Yield:	66gsm +/-5%
MVTR(g/m <sup>2</sup> /24hrs, 38°C & 90% RH)	Barrier: 90 Non-Barrier: 10
OTR(cc/m <sup>2</sup> /24hrs, 23°C & 50% RH)	Barrier: <2 Non-Barrier: 10
Sustainability Credentials:	OPRL approved to recycle via the rigid PET stream
Peel/Reseal performance:	Can be resealed multiple times
Compatibility:	APET and rPET trays with masterbatch anti-block addition
Pre-Formed and Multivac Trays:	Minimum sealing width of 4mm and tab for Esterseal to perform correctly
Printing:	Flexo printing with up to 8 colours
Finishing:	Can include perforations
MAP:	Esterseal is suitable for use with modified atmosphere packaging

# FFP solutions

FFP have many years' experience in producing high quality packaging for the cheese industry and will work with you to select the correct films and barriers to meet your products requirements.

The cheese sector encompasses a wide range of products that put very different requirements on their packaging in order to maintain product quality and meet shelf life requirements.



## Packaging to suit you:

From lidding film for sliced cheese and flow wrap for blocked cheese to resealable pre-made pouches and bags for grated cheese, FFP has the technical expertise to assist you in identifying the correct packaging to suit your product requirements.

Our state-of-the-art manufacturing facility combined with decades of technical experience and expertise enables us to offer

our customers world class flexible packaging solutions in a wide range of formats with many different finishing options. Our award winning print and lamination techniques provide outstanding print quality and the option of tactile finishes that perfectly reflect your brand values and bring your products to life.

## Our solutions include:



Stand-up pouches



Pre-made bags



Resealable packaging



Flow wrap



Sachets



Lidding film



Cold Seal



Recyclable





## Complex Products Delivered Simply

We have been working with brands and retailers for over 50 years putting products on shelves in high quality, vibrant and functional packaging.

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