



# Company Walk-through

Contains:

About Us

Services & Product Offering

Manufacturing Capabilities

Sustainability Offering

[ofpack.com.au](http://ofpack.com.au)



**Close the Loop GROUP**

Create - Recover - Reuse



Close the Loop





## Close the Loop GROUP

Create - Recover - Reuse

## Our Business Group

O F Packaging and Close the Loop merged and subsequently listed on the Australian Stock Exchange (CLG) in early December of 2021, forming Close the Loop Group.

With locations in Australia, Europe, South Africa, and the United States, Close the Loop Group aim to be a market leader in urban mining and provide end-to end solutions for brand owners.

More information on the group can be found at [ctlgroup.com.au](http://ctlgroup.com.au).

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### COMPANY SIZE & LOCATION

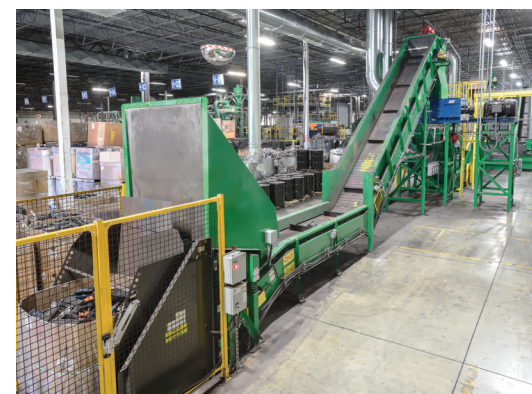
We're a medium-size business that employs over 80 people between the following locations:

- Our 3000m2 headquarters in Oakleigh South, Melbourne.
- Foster Packaging offices in both Johannesburg and Cape Town, South Africa.
- Our local manufacturing plant in Carrum Downs, Melbourne.
- Oceanic Agencies on the Sunshine Coast, Queensland.
- Our off-shore quality assurance offices in China and Vietnam.
- O F Resource Recovery in Laverton North, Melbourne.

We have local manufacturing facilities in Australia for speed to market and short runs, with offshore factories located in China and Vietnam that cover the full breadth of flexible packaging requirements.

The Group also has Close the Loop facilities across the following areas:

- Somerton, Victoria (AUS)
- Hebron, Kentucky (USA)
- Malle, Belgium (Europe)



## Our Values

### COLLABORATION

O F Packaging believe in working with clients to form long-term, strong relationships.

The passion we have for what we do and who we work with has already shown tremendous growth in our business over the past few years, while allowing us to simultaneously support clients who themselves have undergone growth and have evolving packaging requirements, or have new projects in the pipeline that require research & development.

### INNOVATION

The O F Packaging strategy is simple: Packaging with integrity. Unlike some other packaging companies, we stand by our work and by the knowledge we provide our customers, while seeing the tremendous value in taking on challenges in the marketplace.. Our priority is get you the best packaging for your product, while adding value through innovation. By utilising our technical knowledge on packaging materials and printing formats, O F Packaging help our clients optimise the potential benefits across their production line for new projects and work together on R&D for packaging.

### QUALITY ASSURANCE

We believe in quality over quantity; utilising a large skill set within our team to ensure efficiency and the highest level of communication throughout the business to ensure the best outcomes for our stakeholders.

O F Packaging have multiple quality control offices both locally and overseas, with on-site laboratory testing facilities at all factory locations to test, isolate and minimise any issues that may arise throughout the manufacturing process. To further ensure our clients peace of mind, we perform regular independent factory audits throughout the year, while members of our Australian team visit all of our off-shore locations for internal review regularly.

All packaging manufacturing sites used by O F Pack are 100% certified, providing only the highest safety conditions are involved in the packaging creation process, as well as ensuring the safety and respect of our factory workers.

### EXPERIENCE

Our company management has almost 100 years of combined experience in the global packaging industry, which has provided us with long-term business relationships that ensure our high standards of production are met, and company ethics for our manufacturing are upheld across all of our manufacturing processes and sites.

# About Us.



## MEMBERSHIPS & AFFILIATIONS

As an enthusiastic member of the packaging community, O F Packaging are members of all relevant packaging organisations and contribute greatly in the local industry.

Our Managing Director Joe Foster is heavily involved in the Australian Institute of Packaging (AIP) and takes on an education role- presenting short courses on flexible packaging, sustainability and innovation with them.



## INTERNATIONAL INDUSTRY RELATIONSHIPS

O F Packaging and The Pouch Shop AU have sister companies based in South Africa, with Foster Packaging servicing clients throughout the African continent ,as well as in Europe and the UK.

We also have long-term relationships with OK Seal USA and Schutte Bagclosures in the Netherlands.



## AWARDS & INDUSTRY RECOGNITION

O F Packaging, along with various clients and directors of the business have been honoured with recognition:

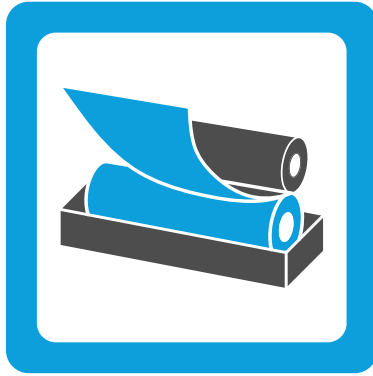


**PIDA 2018**  
**Young Packaging Professional of the Year**  
**Regan Foster**



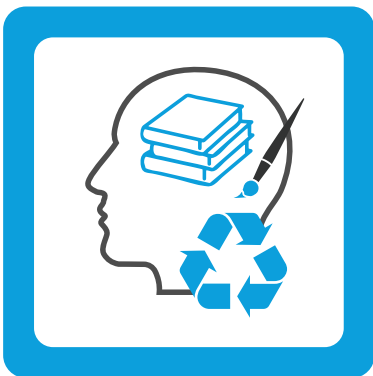
**Lifetime Achievement-**  
**Joe Foster**





## OFF-SHORE & LOCAL MANUFACTURING OFFERING

Medium- Long Run Gravure Printing  
Short- Run Digital Printing (inc. Mock-Ups)  
Medium- Long Run Flexographic Printing  
Roll/Rewind Film  
Film Slitting & Lamination  
Pouch & Bag Converting  
Fast Turn Around Benefits



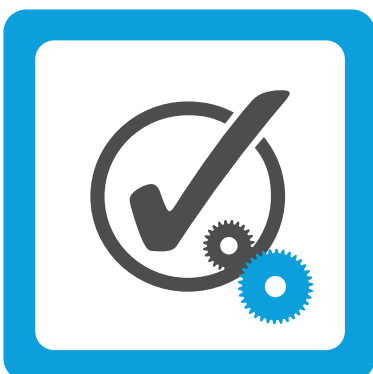
## CLIENT SERVICES

Technical & Artwork Support  
Machine & Packing Advice  
Tailored Innovation Presentations  
Packaging Education & Training  
Sustainability Information  
Guidance on the Australian Packaging  
Covenant Organisation (APCO),  
Packaging Recyclability Evaluation  
Portal (PREP) & REDCycle.



## COMMERCIAL BENEFITS

First-To-Market Innovations  
Internationally- Accredited Partners  
Consolidated Shipping Available  
Global Supply- Already exporting to USA,  
Europe, Africa, Asia and South America  
Collaborative Packaging Projects  
Internal Logistics Co-ordination Services

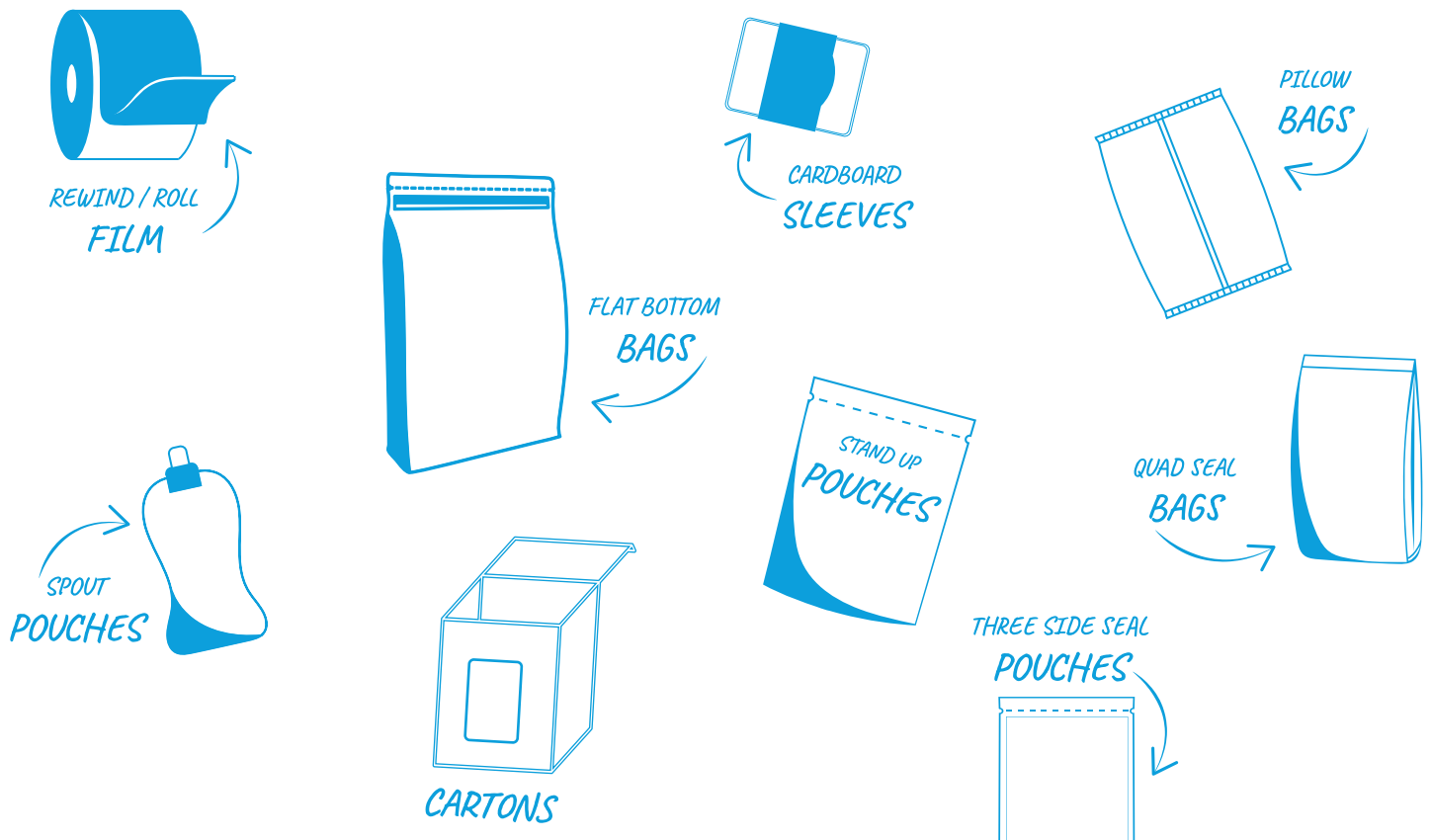


## QUALITY ASSURANCE

In-house Local Laboratory  
Regular Independent Auditing  
Strict QC Procedures to International Standards  
(ISO/BRC/HACCP etc.)  
Colour Management for Clients



## Our Packaging Formats



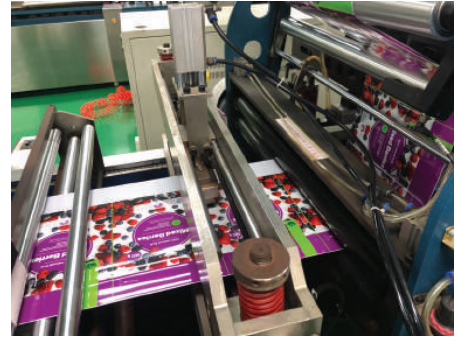
## SPECIALTY & PERFORMANCE PACKAGING

Dry & Shelf Stable Goods  
Freezer- Safe  
Liquid Products  
Vacuum Sealing  
Oven- Safe  
Microwave- Safe  
Modified Atmosphere  
High Barrier  
Hot-Fill and Retort  
Perforated Pouches  
Peel-and-Seal Pouches  
Certified Compostable  
Mono-Polymer Recyclable



## ROTO(GRAVURE)

Rotogravure (gravure) printing uses a set of engraved metal cylinders to overlay artwork designs onto flexible films, which are then converted into the desired packaging format. Gravure provides the highest-precision and quality printing for long-runs, with cylinders archived and stored for future use.



- Up to 12 colours (including CMYK+ White)
- Range of finishes available (including haptic touch)
- All film & barrier options
- Colour matching service available
- Live press approvals by O F Pack staff
- Includes all flexible packaging formats including; Rewind/Roll Film, Flat Bottom Bags, Stand Up Pouches, Quad Seal Bags, Shaped and Spout Pouches
- Ideal for majority of performance packaging; including Retort, Vacuum Sealing, Oven/Microwave Safe. High Barrier and Modified Atmosphere (MAP)
- Our full range of compostable and recyclable films

## (FLEXO)GRAPHIC

Flexographic (often abbreviated to flexo) is a form of printing process which utilises a flexible photopolymer plate, and can be used for printing on almost any type of substrate. It is widely used for printing on packaging films required for various types of food and domestic packaging, and is a cost-effective solution for large volume bags.

*We are excited to offer domestic flexographic printing right here in Melbourne through our O F Flexo division with the following benefits:*



- 1200mm print width
- Cost-effective for long run printing
- Matt or gloss finishes
- Colour matching service available
- Formats include; Rewind/Roll Film, Pillow Bags, Side Gusset Bags, Side Seal Pouches, Pallet Wrap Banners, Stand Up Pouches, Flat Pouches
- Recyclable/single polymer PE structures available
- Quick turn around available
- 100% Australian Made



# Manufacturing Capabilities.



## DIGITAL

For clients looking for small volumes of packaging, digital provides the option for custom-print packaging without the set-up costs associated with gravure or flexo printing. Using the latest HP printers, artwork is printed directly onto packaging film and then converted into pouches. Clients can run multiple same-size designs at once, or make artwork alterations between runs with no cost. Digital can also be used for single unit mock-up samples for trials or marketing-testing initiatives, and has a short leadtime.

*Our Managing Director Joe Foster was the first to bring digitally-printed packaging to Australia, and O F Packaging are proud to continue offering our clients Australian-made digital print pouches through our The Pouch Shop division.*

- Low minimum order quantity: From only 1000 pouches
- No set-up costs
- Ability to run multiple same-size SKUS at once
- Formats include; Rewind/Roll Film, Stand Up Pouches, Flat Pouches, Sachets, Center Seal Bags
- Fast-tracked local production (Australian Made)
- CMYK+ White + Indigo + Green + Orange extended gamut available
- Matt or gloss finishes available as standard, with rough and soft touch available as premium options
- Recyclable and home compostable film options available for 3000 unit MOQ
- Single unit printed samples & mock-ups







# Sustainability Offering

**Contains:**

**Recyclable Packaging**

**Recycled Content Films**

**Compostable Packaging**

**Close the Loop Take-Back  
Services & Recycling**



**Close the Loop GROUP**  
*Create - Recover - Reuse*



**Close the Loop**

O F Packaging have been working hard to provide our own solutions for flexible packaging which continue to fulfill their purpose of product protection and shelf life, without the need for multi-polymer lamination that hinders end-of-life recovery. Our merger with Close the Loop has allowed us to extend our capabilities for end-to-end solutions and take-back programs,

## MONO-POLYMER POUCHES & FILMS

Packaging made from a single plastic\* material such as the following:

Low Density Polyethylene (LDPE)

Linear Low Density Polyethylene (LLDPE)

High Density Polyethylene (HDPE)

Polypropylene (PP)

Biaxially-Oriented Polypropylene (BOPP)

\*These can also be used in combinations if within the same polymer family

## BENEFITS

- Economical for various markets
- Rigidity & reseal-ability
- Contributes to the 'Circular Economy'
- Versatile across performance & storage conditions
- Available in a variety of packaging formats
- Available in high barrier (specs below)

Recyclable material structures are compatible for use with the Packaging Recyclability Evaluation Portal (PREP) & Generation of the Australasian Recycling Label-Store Drop Off. It is also compatible with Roll N Recycle.



PACKAGING FORMATS	PERFORMANCE CAPABILITIES
Stand Up Pouch	Pasteurisation
Flat Pouch	Freezer- Safe
Flat Bottom Pouch*	Liquid Products
Quad Seal Pouch	Vacuum Sealing
Spout Pouch	Microwave- Safe
Rewind/Roll Film	Modified Atmosphere
Side Gusset Bag	High Barrier

\*Dependant on product weight & size requirements.



## KERBSIDE RECYCLABLE POUCH PACKAGING

Speak to us about a new innovation that allows recyclable soft plastic packaging to go through your household recycling bin.



## HIGH BARRIER RECYCLABLE- Pack Cycle

Utilising a specialty rigid mono-polymer structure, Pack-Cycle has been created to simplify flexible packaging, increasing the ability to recover post-consumer flexible plastic resources while maintaining a high gas barrier.

## SPECIFICATIONS

	Unit	Test Method
Available Thicknesses	micron	ASTM D374
Residual Solvent Rate	mg/m <sup>2</sup>	BS6455: 1984
Water Vapour Transmission Rate (WVTR)	g/m <sup>2</sup> /24h	ASTM E96
Oxygen Transmission Rate (OTR)	ml/m <sup>2</sup> /24h	ASTM D3985
Seal Strength	N/1.5mm	ASTM F2029
Pressure Test	50kg*1min	GB/T 10004
Drop Test	1.2m*3times	GB/T 10004

## MADE FROM RECYCLED CONTENT

Packaging made from a percentage of non-virgin materials, including post-manufacturing waste, as well as pre-consumer/commercial and post-consumer waste streams.

## CHALLENGES & LIMITATIONS

- Made-from recycled content packaging is still a developing sector, with challenges surrounding not only the pliability and strength of recycled materials, but also strict food safety standards for packaging materials limiting the use of recycled content to certain sources, percentages and applications.
- O F Pack have been developing this area of sustainable packaging, and can offer a selection of high percentage recycled content packaging for non-food contact applications.
- Using recycled content in comparison to virgin materials is typically more expensive at this time, due to the limited supply of quality recycled content available that can meet standards for re-purposing into packaging products.

As processing technology and the market expands however, the above challenges will begin to reduce.

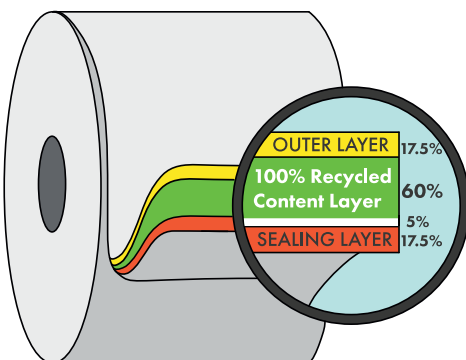
## BENEFITS

- Closing the loop of recycling by re-using materials that have been diverted from landfill.
- Recycled Content in packaging is a vital part of our 2025 National Waste Targets.

## REC-FLEX 60/65 FILM- O F FLEXO

This 100% Polyethylene [PE] film is a three layer co-extrusion that allows for a 100% recycled content core layer that constitutes approximately 60-65% of the total structure volume.

The internal core is trapped between the two 20% virgin material layers to ensure optimal sealing and performance, while eliminating recycled content contact with product.



**REC-FLEX 60/65 FILM**



O F Pack clients Tui for Scotts (above) uses recycled content, while Zero Co. (below) also use recycled content in their re-fillable spout pouches. Consumers re-fill their Zero Co. rigid containers (made from recycled content ocean waste) using the pouches, before sending them back for re-use.



## COMPOSTABLE PACKAGING

Packaging made from materials that break down in a specified time frame and contribute to soil structure, including materials such as the following:

Polylactic Acid (PLA)  
Polybutylene Succinate (PBS)  
Cellulose  
Paper



## COMPLEXITY OF THE TERM BIOPLASTICS

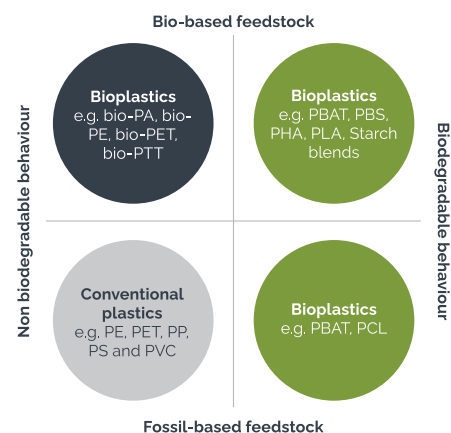


Table provided by the Australian Packaging Covenant Organisation (APCO) in "Considerations of Compostable Plastic Packaging" 

## LIMITATIONS

- Materials may begin to breakdown prior to disposal, reducing performance
- The majority of consumers do not have access to appropriate composting facilities
- Compostable materials are not applicable for all packaging requirements (Retort etc.)
- Vast confusion in the market between bio-degradable, home compostable and industrial compostable
- Products do not break down properly in landfill or natural environments
- Compostable packaging is costly in comparison to recyclable or conventional material

## BENEFITS

- Materials break down in short period of time (generally up to 6 months)
- High film clarity available
- Compostable zipper closures also available
- Ability to combine multiple compostable materials together for added benefit
- High barrier films are available for certain applications

## AUSTRALIAN CERTIFICATION FOR BIO-PLASTICS & COMPOSTABLE FILMS

Whilst there are other well-known standards used globally for specifying compostability (including EN13432:2000), certification in Australia requires materials to be reviewed by the Australasian Bioplastics Association (ABA) in order to conform to specific standards associated with testing for ecotoxicity and earthworm survival.

Materials can be certified for Home Composting (AS 5810-2010) or Industrial Composting (AS 4736-2006)

The ABA sets it's own fees and timeframes for the certification of all new packaging, and use of the above logos.

At this stage, the compostable industry is mostly unregulated, however O F Packaging can provide clients packaging meets multiple international standards for either Industrial Composting, or Home Composting.







# Thank you.

**Contact Us:**

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