



## Who are we?

Flight Plastics is a New Zealand-based, privately-owned business specialising in plastics. We have plants located in Wellington, New Zealand; Adelaide, Australia; and Romsey in the UK.

Plastics have traditionally been manufactured using fossil fuels such as oil, which is a finite resource. With the latest technology, plastic packaging and other products are now being manufactured from recycled plastics. In 2009 Flight installed extrusion equipment at its UK plant, which manufactures over 75% of its volume in recycled PET plastics (RPET) which is used in food packaging sold in UK supermarkets nationwide.

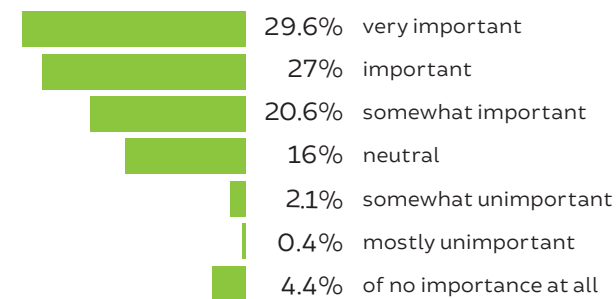
In 2013, Flight introduced similar technology to New Zealand to take recycled PET flakes and manufacture them into new PET packaging.

Flight has now closed the loop with the introduction of the first PET wash plant in New Zealand. This means that PET bottles, trays and punnets recycled at kerbside around New Zealand can be baled and sent to Flight Plastics where the materials are turned into new PET food containers.

## Why switch to recycled PET (RPET)?

In a survey conducted by Horizon Research on behalf of The Packaging Forum in 2017, there was a 77% importance rating for buying packaging that is made from recycled materials.

### How important is it that packaging is made from recycled material?



Because Flight RPET is sourced from New Zealand's post-consumer waste stream it closes the loop for recycling of PET packaging in NZ.



## CREATING A CIRCULAR ECONOMY FOR PET PACKAGING IN NEW ZEALAND

1

Around 20,000 tonnes of imported PET is consumed each year in NZ, with much of it used in drinks bottles & food packaging



The process repeats itself again and again, reusing resources locally and replacing imports

2



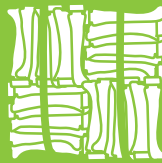
PET packaging is collected by recyclers from kerbside and public places

5



Flight manufactures food containers from the RPET flake, the first in New Zealand to do so

3



Recyclers send bales of PET to Flight Plastics for processing

4



PET is processed in Flight's wash plant to make RPET flakes, these flakes replace imported PET at Flight



## FAQs

### What does the new Flight Plastics wash plant do?

The wash plant is the first plant in New Zealand to take PET bottles and containers recycled at kerbside around New Zealand and turn them into new food packaging.

### What are the benefits of RPET packaging made from New Zealand kerbside collections?

Every PET bottle or container recycled at Flight is given a new life, saving the import of materials and reducing waste to landfill.

Flight RPET containers are made from New Zealand-recycled PET containers. Flight RPET packaging is 100% recyclable.

New Zealand currently imports around 20,000 tonnes of virgin PET every year. The Flight wash plant reduces the need to import virgin PET because it produces a supply of New Zealand-made RPET.

### Does RPET compromise the quality of my packaging?

No. RPET packaging can be used without any compromise to performance, storage stability or visual appeal.

### What is different about Flight RPET containers?

Flight manufactures RPET food containers in New Zealand using New Zealand post-consumer waste.

### Is RPET safe for use with food?

Flight utilises a layer of virgin resin on both sides of the sheet to guarantee its food compliance (see diagram below). This meets the standards required in Europe and USA and is consistent with New Zealand requirements. RPET resin for packaging in New Zealand must meet Australian and New Zealand food standards and comply with the relevant regulations for new plastics materials as set out in the USA's FDA Code of Federal Regulations and the relevant European Union Directives.

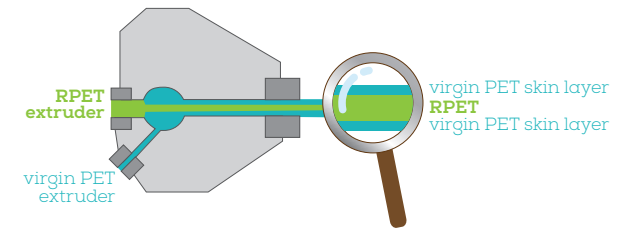


Diagram of the multi-layer product

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