

# Sustainable Label Solutions



**THE LABEL CENTRE**

SOLUTIONS FOR THE LABELLING INDUSTRY



# Contents

## Introduction

Reduce	
Reuse	
Recycle	
Renewable	
Compostable .....	03

## Recycling Guide

Cardboard & Corrugated board	
PP, HDPE, LDPE	
Polyester	
Aluminium .....	04

## Material Suitability

Plastic Resin Identification Codes	
Our Products .....	05

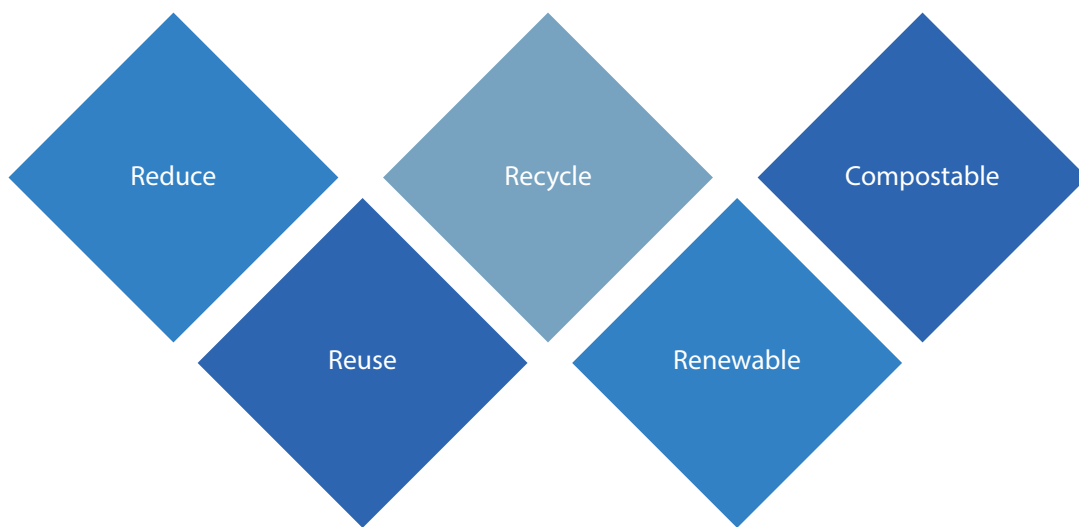
## What we Offer

Recycling Signs .....	06
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The Label Centre has a broad portfolio of sustainable products to help you and your customers reach environmental targets. It is essential that we all work to “reduce, reuse and recycle” and we would add a fourth aim to the list – “renewable”.

Our range of sustainable, recyclable, renewable and compostable products help in your quest to meet your commitments to a more sustainable future.



**Reduce** - Thinner products reduce material use and save on storage and transport costs. We have thinner papers, films and thermal printable labels that can improve your sustainability credentials.

**Reuse** - Wash-off materials that easily detach in a conventional washer results in a clean bottle for reuse. Use CleanFlake clear or white PP with wash-off permanent adhesive.

**Recycle** - Wash off adhesives that advance PET recycling. Materials matched to the container also help to reduce contamination of the recycling stream. The offering includes CleanFlake clear or white PP with wash-off permanent adhesive. For carton recycling use any of our FSC papers - the carton with label(s) attached can go through the recycling stream and end up as a completely new carton for your next delivery.

**Renewable** - A range of materials made from natural, organic carbon sources rather than ancient or petrochemical finite resources. Examples of our bio-based materials include cane fibre paper, PE made entirely from sugar cane ethanol and MarbleBase made from 80% marble mining waste and 20% recycled HDPE.

**Compostable** - A range of materials and adhesive that carry the “OK Compost” certificate according to EN13432 regulations. If the packaging is compostable then you will need a compostable label to attach to the packaging. Our range includes semi-gloss white paper, matt vellum paper, direct thermal paper, gloss white and gloss clear NatureFlex film and PLA clear film.



## 1 Cardboard, Corrugated Board & Paper Bags

Cartons and board, with paper labels attached, are fully recyclable. If they bear a plastic label they can be recycled so long as the label's weight does not exceed 20% of the total weight.

Our paper labels are made from FSC® certified paper. This certification is reassurance that the production is carried out in a responsible and sustainable way.



## 2 PP, HDPE, and LDPE

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In most cases, plastic packages with a plastic label attached can be recycled. A PE product with a PE label may be considered recyclable, as would a PP product with a PP label. In addition, generally a PP product with a PE label and a PE product with a PP label may also be considered recyclable.



## 3 Polyester

A PET product with a wash-off label would be considered recyclable. A PET product with a polyester label may also be considered recyclable but the quality of recycled material may be lower due to contamination.

A PET product with a polyolefin (PE or PP) based label may be considered recyclable if the density of the label is less than  $1\text{g}/\text{cm}^3$ .



## 4 Aluminium

4

Aluminum may be considered recyclable with a thin film label.



## Plastic Resin Identification Codes

	<b>PET</b> Polyethylene Terephthalate	<b>HDPE</b> High Density Polyethylene	<b>PVC</b> Polyvinyl Chloride	<b>LDPE</b> Low Density Polyethylene	<b>PP</b> Polypropylene	<b>PS</b> Polystyrene	<b>Other</b>
<b>Usability</b>	Fizzy drink bottles and food packaging eg: punnets	Milk bottles, cleaning products and yoghurt pots	Thermal insulation, cling film, shampoo, car parts	Carrier bags, food bags, bin liners	Microwaveable meal trays, margarine tubs, carpet filaments	Plastic cutlery, protective packaging, takeaway boxes, some yoghurt pots	Other plastic forms that do not fall into other categories eg: crisp packets, plastic cups, melamine
<b>Reusability</b>	More PET products	More milk bottles, pipes and garden furniture	More PVC products	More bin liners, floor tiles, plastic furniture	Food containers, speed humps, clothing	More packaging	Goes to Landfill
<b>Recyclability?</b>	Easy	Easy	Difficult	Controllable	Easy	Difficult	Very Difficult

## Our Products

LC Code	Description	Service Temperature Range	Minimum Application Temperature	Industrial Compostable	Thermal Transfer Printability	Direct Thermal Printability	Colour Inkjet Printability	UV Inkjet Printability
1303	Semi Gloss Paper Compostable Permanent	-20°C to +80°C	+ 5°C	✓	✓			✓
1304	Fiber Paper Compostable Permanent	-20°C to +80°C	+ 5°C	✓	✓			✓
1305	Direct Thermal Compostable Permanent	-10°C to +50°C	+ 5°C	✓		✓		✓
1306	Transfer Vellum Compostable Permanent	-20°C to +80°C	+ 5°C	✓	✓			✓
1307	Nature Controlled Compostable Permanent	-20°C to +80°C	+ 5°C	✓	✓			✓
1308	Nature Controlled Clear Compostable Permanent	-20°C to +80°C	+ 5°C	✓	✓			✓
1309	Po-lac Clear Compostable Permanent	-20°C to +50°C	+ 5°C	✓	✓			✓
1310	Pet Flake Clear Permanent	-20°C to +60°C	+ 5°C		✓			✓
1311	Pet Flake White Permanent	-20°C to +50°C	+ 5°C		✓			✓
1312	Cc/hdpe Permanent	-20°C to +80°C	+ 5°C		✓			✓



## Recycling Signs

general waste	food waste	confidential paper	newspapers & magazines

mixed glass	batteries	mixed recycling	mixed recycling	paper

mixed paper & card	plastic bottles	cans	cans & plastic bottles

