

# How are cartons recycled?



**printwaste**  
Sustainable Recycling

# Carton recycling step-by-step.



Did you know? All of the materials used to create a carton are fully recyclable!

## Step 1: Collection

We'll collect your cartons and transport them back to our recycling facility.

## Step 2: Sorting & baling

Once there, we'll sort the cartons and bale them up, ready to send to a dedicated beverage carton reprocessing facility.

## Step 3: Pulping

At the reprocessing facility, the bales of cartons will be fed up a conveyor belt, dropped into a pulper and mixed with water to break the paperboard down into a fibre slurry.

## Step 4: Separating

The fine polyethylene and aluminium layers (used to prevent cartons leaking) will then be separated from the fibre, cleaned, baled and sent on for recycling into new products or to create energy.

## Step 5: Cleaning

Meanwhile, the fibre slurry will be transferred to a high-density cleaning drum to separate the healthy fibres from contaminants, such as stones and glass.

## Step 6: Thickening

Now clean, the slurry will pass through a drum thickener, which will reduce the water content from 97.5% to 95% - the optimum level for the fibres to be recycled.

## Step 7: Recycling

Ready for their onward journey, the carton fibres will be turned into industrial-strength coreboard, which is used to make cores and tubes for paper, fibre yarns and plastic film.

# We hope you found this useful & informative.

If you did, you'll be happy to  
know we have a whole bunch  
of process sheets for you...

## Recycling process sheets



Cans



Cardboard



Cartons



Paper cups



Glass



Wood



Plastics



Paper



Fluorescent  
light tubes



WEEE



Polystyrene



Tins



Non-recyclables

## Confidential shredding process sheets



Uniforms & clothing



Hard drives



Confidential paper

To let us know which one(s)  
you'd like to read next, just give  
us a call on **01242 588600**  
or email us at  
**[info@printwaste.co.uk](mailto:info@printwaste.co.uk)**