

How is cardboard recycled?



printwaste
Sustainable Recycling

Cardboard recycling step-by-step.



Step 1: Collection

We'll collect your cardboard and transport it back to our recycling facility.

Step 2: Compacting

Once there, we'll compact the cardboard into bales, ready to send to a specialist reprocessing centre.

Step 3: Pulping

At the reprocessing centre, the cardboard will be fed into a pulper and mixed with water to break the material down into its natural fibres and create a pulp.

Step 4: Cleaning

The pulp will then be filtered to remove any remaining impurities, like tape and glue. Colouring agents will also be added at this stage, if required.

Step 5: Draining & bonding

Now clean, the pulp will be poured or sprayed onto a large, fast-moving mesh screen, which will drain away excess water and help the fibres bond together to form a sheet.

Step 6: Pressing & drying

To further remove any leftover water, the sheet will be pressed and put through 130°C steam-heated rollers to dry (removing 93% of water content), until the right moisture level and thickness is achieved.

Step 7: Recycled cardboard

The dried sheet will then be wound into rolls (weighing approximately 3 tonnes each!) and transported to manufacturers, ready to be recycled into anything from boxes and bags to toilet and kitchen rolls.



Did you know? This same cardboard can be recycled 4-5 times over!

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