How are plastic bottles recycled?



printwaste Sustainable Recycling

Plastic bottle recycling step-by-step.



Step 1:We'll collect your plastic bottles (mixed toge tins and cans) and transport them back to our recycling facility.	
Step 2: Sorting	Once there, we'll use a magnet to separate the steel tins and an eddy current to separate the aluminium cans from the plastic bottles. The bottles will then be sent on to a specialist plastics reprocessing plant.
	To find out more about what happens to your tins and cans, see their separate recycling process sheets.
Step 3: Shredding	At the plant, your plastic bottles will be shredded into flakes.
Step 4: Cleaning	The flakes will then be washed to remove any impurities, like leftover food and drink or remnants of paper labels.
Step 5: Melting & reforming	After this, the flakes will be dried and melted at temperatures of around 260°C, before being reformed into either pellets or fine spaghetti-like strands (dependent on what the plastic will be turned into).
Step 6:The pellets and spaghetti-like strands will then beRecycledon to plastics manufacturers, who will turn them bplasticinto plastic bottles or other plastic products (such clothing), ready to be sold all over again.	

Did you know? It takes approximately 10 recycled plastic bottles to make a new t-shirt!

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



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Cartons

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Paper cups

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Glass

Tins

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Wood	Pla
Wood	PI

astics





Paper

Fluorescent light tubes

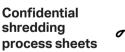


Polystyrene

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Non-recyclables





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