



# Polyethylene Terephthalate



**Plastic Bottles**



**Fizzy drink bottles**



**Mouthwash bottles**



**Yoghurt pots**

PET Plastic is the most widely recycled plastic. It is most commonly used for single use plastic bottles. All local authorities collect plastic bottles so these are very easy to recycle. However, currently only 59% of plastic bottles are recycled so there is a 41% gap in the amount produced and the amount recycled. All recyclable PET plastic has a number 1 in a triangle on it so look out for this when you are checking whether your plastic is recyclable or not.

According to the PET Resin Association, PET bottles and the sun are helping millions of people in developing countries obtain potable water. Using a system called SODIS (solar water disinfection), inhabitants set water-filled PET bottles in the sun for several hours or days – depending on how much sunlight is available – as a simple but effective means of destroying disease-causing bacteria and gaining safe drinking water.





# High-density Polyethylene



**Milk Bottles**



**Plastic bottle caps**



**Bleach/detergent bottles**



**Shampoo bottles**



**Margarine tubs**



**Ice cream tubs**

High Density Polyethylene is created from petroleum. Being lightweight and strong, versatile in nature, recyclable and chemical resistance are the main features of HDPE.

HDPE Plastic is recyclable, however, you do need to check with your local authority whether you can recycle it or not. You can recycle this plastic if your local authority mentions any of the above in their criteria.

To find out about your local recycling you can go here:  
<https://www.recyclenow.com/local-recycling>





# Polyvinyl Chloride



Cling film



Blister packaging



Hoses



Table Protectors



Plastic pipes



Plastic outdoor furniture

Polyvinyl Chloride, popularly referred to as PVC, is the world's third most used synthetic plastic polymer - next to polyethylene and polypropylene. Naturally white and brittle, PVCs are prevalent in construction, healthcare and food preparation applications.

PVC is a type of plastic that is not recyclable. It is difficult to tell if packaging is made from PVC, unless it has the image shown below. Sometimes it is used for meat packaging and cling film. This type of plastic is not recyclable and should be placed in the general waste bin.



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# Low Density Polyethylene



**Bread bags**



**Frozen food bags**



**Squeezable bottles  
(i.e hand cream tubes)**

Low density polyethylene (LDPE). This clear or translucent plastic exhibits flexibility, chemical resistance, and waterproofing capabilities. It is used in the manufacture of a wide range of products, including grocery bags, plastic wrap and film, flexible packaging material, and injection molded parts.

Like HDPE plastic, LDPE is recyclable but you do have to check with your local authority when you can recycle it in your local area or not. You can recycle this plastic if your local authority mentions any of the above in their criteria.

To find out about your local recycling you can go here:  
<https://www.recyclenow.com/local-recycling>





# Polypropylene



Packing tape



Plastic Straws



Take away tubs



Ketchup bottles

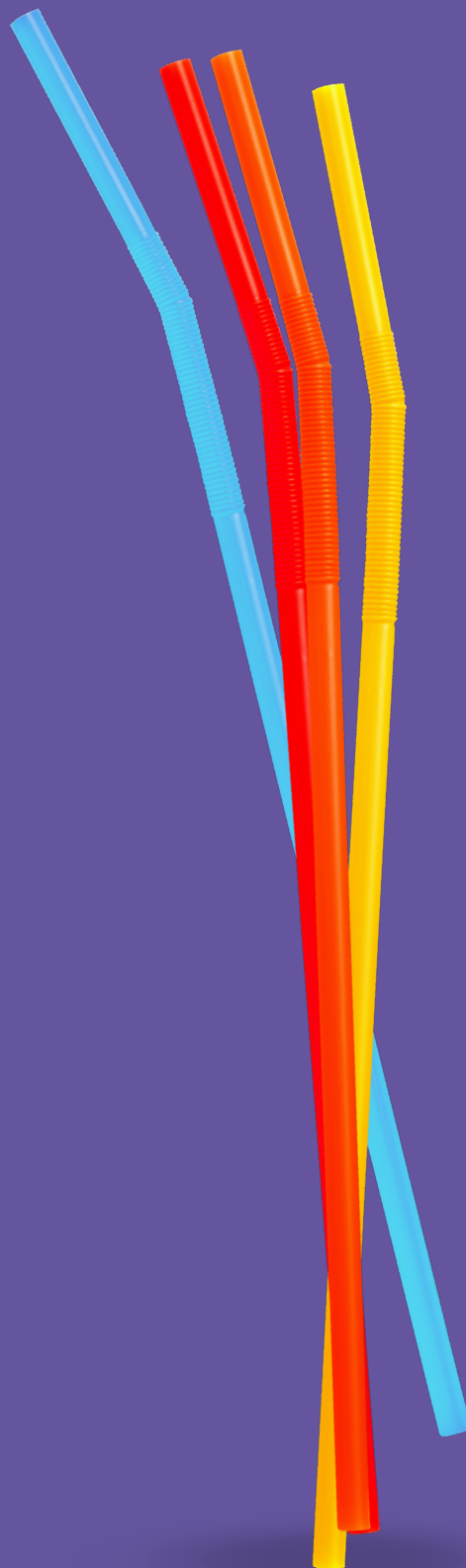


Plastic picnic ware

Polypropylene (PP) is a thermoplastic “addition polymer” made from the combination of propylene monomers. It is used in a variety of applications to include packaging for consumer products, plastic parts for various industries including the automotive industry, special devices like living hinges, and textiles.

Like HDPE and LDPE plastic, PP plastic is recyclable but you do have to check with your local authority when you can recycle it in your local area or not. You can recycle this plastic if your local authority mentions any of the above in their criteria.

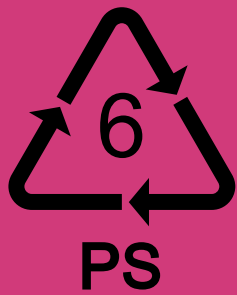
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# Polystyrene

## Polystyrene

-  CD Cases
-  Plastic forks
-  Yoghurt pots\*

## Expanded Polystyrene

-  Foamy takeaway packaging
-  Meat trays
-  Packing peanuts
-  Styrofoam
-  Insulation

Polystyrene (PS) is an aromatic polymer of the monomer styrene. Polystyrene is an extensively used plastic with a production scale of several billion kilograms per year. Polystyrene is colorless and is used in plastic models, disposable cutlery, smoke detector housings and CD and DVD cases. There 2 types of polystyrene (hard, brittle plastic) and expanded polystyrene (light, insulating, waterproof plastic)

Unfortunately polystyrene is not recyclable in normal collections. It is important to check all waste to ensure that you are recycling the correct parts, for example, yoghurt pots can be made out of PS plastic or recyclable plastic.



\* check the plastic before recycling as some can be made from recyclable plastics



# Other types of plastic



Crisp Packets



Plastic Coated Wrapping Paper










Heavy Duty Electrical Equipment

Any type of plastic that doesn't fit into one of the first six categories falls under this heading. Products stamped with a 7 are often made out of multiple plastic types or out of other types of plastic that can't easily be recycled.

Other plastics are not recyclable in normal collections. This categorises all other plastics including bioplastics, composite plastics (like crisp wrappers), plastic coated wrapping paper and polycarbonate (which contains BPA).



# Plastic Guide

 <b>PET</b>	 <b>HDPE</b>	 <b>PVC</b>	 <b>LDPE</b>	 <b>PP</b>	 <b>PS</b>	 <b>OTHER</b>
<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> Other types of plastic
RECYCLABLE	CHECK LOCAL AUTHORITY  <a href="http://www.recyclenow.com/local-recycling">www.recyclenow.com/local-recycling</a>	NOT RECYCLABLE	CHECK LOCAL AUTHORITY  <a href="http://www.recyclenow.com/local-recycling">www.recyclenow.com/local-recycling</a>	CHECK LOCAL AUTHORITY  <a href="http://www.recyclenow.com/local-recycling">www.recyclenow.com/local-recycling</a>	NOT RECYCLABLE	NOT RECYCLABLE
<ul style="list-style-type: none"> <li>• Plastic Water Bottle</li> <li>• Fizzy Drink Bottles</li> <li>• Mouthwash Bottle</li> </ul>	<ul style="list-style-type: none"> <li>• Milk Bottles</li> <li>• Plastic bottle caps</li> <li>• Bleach/detergent bottles</li> </ul>	<ul style="list-style-type: none"> <li>• Cling Film</li> <li>• Table Protectors</li> <li>• Plastic pipes</li> </ul>	<ul style="list-style-type: none"> <li>• Bread bags</li> <li>• Frozen food bags</li> <li>• Squeezable bottles i.e hand cream tubes</li> </ul>	<ul style="list-style-type: none"> <li>• Packing tape</li> <li>• Plastic Straws</li> <li>• Take away tubs</li> </ul>	<ul style="list-style-type: none"> <li>• CD Cases</li> <li>• Plastic forks</li> <li>• Foamy takeaway packaging</li> </ul>	<ul style="list-style-type: none"> <li>• Crisp Packets</li> <li>• Plastic Coated Wrapping Paper</li> <li>• Heavy Duty Electrical Equipment</li> </ul>
Most widely recycled plastic	High Density Polyethylene is created from petroleum	World's third most used synthetic plastic polymer	This clear or translucent plastic exhibits flexibility, chemical resistance, and waterproofing capabilities.	Used in a variety of applications to include plastic parts for various industries including the automotive industry	There 2 types of polystyrene (hard, brittle plastic) and expanded polystyrene (light, insulating, waterproof plastic)	Products stamped with a 7 are often made out of multiple plastic types or out of other types of plastic that can't easily be recycled.
