








Highlighted text = Commonly used at home (therefore relevant to our solution)

Symbol	PIC Number	Meaning	Commonly used in	Examples	Sustainable alternative	Recycling
	1	Polyethylene Terephthalate PET	BEVERAGE BOTTLES	Water bottles, soft drink bottles, fruit juice bottles, fruit punnets and plastic meat trays.	Water bottles - buy a metal one to store any consumable liquid.	Yes, is used to create new items
	2	High Density Polyethylene HDPE	FILM, BLOW MOULDED CONTAINERS	Cloudy milk bottles, bleach bottles, laundry bottles.	Buy a product whose bottle can be recycled	Yes
	3	Unplasticised Polyvinyl Chloride UPVC OR Plasticised Polyvinyl Chloride PPVC	PIPE, FLOORING	Clear cordial, liquid soap bottles and fruit juice bottles.	Given its most common use is bottles, buy a reusable water bottle to use.	Rarely recycled as other non-house applications can contain vinyl. Instead a tiny percentage is recycled
	4	Low Density Polyethylene LDPE	FILMS: BUILDERS, CONCRETE LINING and BAGS	Plastic bags, garbage bags, squeeze bottles, chip packets, plastic wrap, black irrigation tube.	Use your own reusable bag, consider wrapping food in a sustainable packaging instead of plastic wrap. Buy a product that has sustainable packaging	Rarely recycled

	5	Polypropylene PP	CRATES, BOXES, PLANT POTS	Bottles, caps and rigid packaging like margarine containers, icecream containers and yoghurt pots.	Consider buying products that use sustainable packaging	Often not recycled
	6	Polystyrene PS	INDUSTRIAL PACKAGING, COAT HANGERS, CONCRETE REINFORCING CHAIRS PRODUCE BOXES	Coffee cup lids, plastic cups, medical disposables, clamshells, coat hangers, some yoghurt and dairy containers.	Use a reusable coffee or cup.	Difficult to recycle
	7	Expanded Polystyrene EPS (Mixed plastics)	AGRICULTURAL PIPING	Automotive, aircraft and boating, furniture, and medical parts.	N/A not all household items	Never recycled

Sources

<https://www.plasticsstewardshipaustralia.org.au/images/psa/reports/Plastics-Identification-Code.pdf>

https://www.cityservices.act.gov.au/_data/assets/pdf_file/0010/1368622/Recyclopaedia-Plastic-Codes-factsheet-access.pdf

<https://www.cityofsydney.nsw.gov.au/waste-recycling-services/recycle-household-waste>

<https://www.camden.nsw.gov.au/assets/Uploads/SUEZ-ANZ-Plastics-Identification-Code.pdf>

<https://www.cityofsydney.nsw.gov.au/waste-recycling-services/recycle-household-waste>

<https://forte.bunzl.com.au/recycle-codes/>