

Soft Plastics Recycling



Soft plastics collected = raw material for recycled products.

- ➔ *There are specifications / acceptance criteria on what can be used*
- ➔ Contamination must be minimised

WHICH SOFT PLASTIC ARE OK?

PLASTIC TYPES:

YES – LDPE, LLDPE with some PP and HDPE



NO – PET, PA/Nylon, PVC, Al foil Laminated, silicone rubber



Close the Loop

Take Back - Recover - Reuse

closetheloop.com.au

TonerPlas[®]
rFlex[™]

A DIVISION OF
Close the Loop GROUP
Create - Recover - Reuse

YES

CONSTRUCTION / TRADE / INDUSTRIAL / AGRICULTURAL

- ✓ Poly bags
- ✓ Pallet wrap, Shrink wrap, Timber wrap
- ✓ Builders film
- ✓ Cement / grout poly bags
- ✓ Silage wrap
- ✓ Plastic mulch (soil cover film)
- ✓ Poly tunnel film
- ✓ Grain bags
- ✓ Irrigation drip tape / tubing (usually black or brown, LDPE)

DOMESTIC / RETAIL

- ✓ Grocery / Retail bags (including re-useable 'green / eco' bags)
- ✓ Auspost satchels
- ✓ Bubble wrap
- ✓ PE Foam
- ✓ FOOD PACKAGING: Plastic film wrap, Frozen food bags, Fresh produce bags, Bread bags, Zip-lock bags, Rice bags, Cereal bags, Pasta bags, confectionary bags, Biscuit packets, dry pet food bags
- ✓ Furniture wrap and thin soft foam protection
- ✓ Potting mix and compost bags - both the plastic and woven types

➤ **KEEP IT DRY OUT OF RAIN**



Close the Loop

Take Back - Recover - Reuse

closetheloop.com.au



A DIVISION OF
Close the Loop GROUP
Create - Recover - Reuse

NO

- × PVC inflatables, PVC blinds / awnings
- × Tarpaulins
- × Fabrics
- × Nylon tents, shower curtains
- × Rigid Plastic containers
- × Meat trays, biscuit trays or strawberry punnets
- × Blister packs, tablets / capsule packaging
- × X-rays film
- × Fishing line, rope
- × Clear vinyl packaging from sheets and doonas
- × Plastic strapping
- × Bulk bags

ABSOLUTELY NO:

- × *Glass*
- × *Metal*
- × *Rubble*
- × *Wood*
- × *Paper & Carboard*
- × *Oganics waste (food & garden)*



Close the Loop

Take Back - Recover - Reuse

closetheloop.com.au



A DIVISION OF
Close the Loop GROUP
Create - Recover - Reuse

COLLECTION & STORAGE

**** Baled on pallet, no loose material falling off, kept dry ****

COLLECTION POINTS

Keep the collection points and bales undercover and dry.

Wet plastic is a problem for our process because it dramatically reduces the melting efficiency.

BALED & ON A PALLET

We can only handle compacted and baled soft plastics, and the bale must be on a standard pallet. Baling dramatically reduces the volume of the soft plastics (by at least 90%) – it saves cost at both ends.

The bales should be wrapped if there is a risk of loose material creating litter.

Pallet: Standard pallet, hardwood, not broken. Note: Light pine pallets are not designed for heavy loads. Make sure the pallet can handle the weight.

➔ **Ideal Bale size** approximately: 1.2m x 1.0m x 0.8m

Maximum Bale size: 1.6m x 1.2m x 0.9m *absolute maximum*

Higher bale densities are better ie. high bale compression.

Strapping type: Plastic strapping only ****no metal or wire strapping****

STORAGE

Under cover or covered with a sheet of plastic to keep rain off

Rev: June 2023