

# Sustainability with Metal Cans

**Container Supply Company**



714.892.8321

[www.ContainerSupplyCompany.com](http://www.ContainerSupplyCompany.com)

Garden Grove, CA

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## Objective:

Container Supply Company aims to help companies meet their sustainability goals by replacing difficult/unrecyclable mixed media or composite bags and containers with the most recycled & recyclable food container: Metal Cans.



## How to capture market share with renewed consumer focus on Sustainability and Renewable Packaging?

- 1 Source renewable and recycled packaging materials.
- 2 Choose renewable packaging that can be realistically recycled.
- 3 Avoid the use of harmful substances in packaging .
- 4 Educate customers in the reasons metal cans are the most sustainable package

## 1) Sourcing renewable and recycled material in packaging

- The metal can is 100% recyclable.
- Metal cans are infinitely recyclable without losing integrity; potentially eliminating them from entering landfills.
- It takes 75% less energy to produce a steel can when using recycled material.<sup>1</sup>

<sup>1</sup> (“Facts About Steel Recycling.” Steel Recycling Institute. 2010).



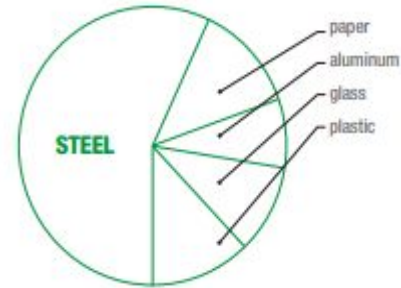
## 2) Choose packaging that can be easily Recycled

- Metal cans have the highest recycle rate (73%) of any food packaging.<sup>2</sup>
- While bags with multiple materials and composite packaging may claim to be recyclable, the process requires separating layered materials and is unrealistic for the average consumer.<sup>3</sup>

<sup>2</sup><https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/containers-and-packaging-product-specific-data#SteelC&P>

<sup>3</sup> Recyclebank, 2015

Steel Recycling vs Other Materials





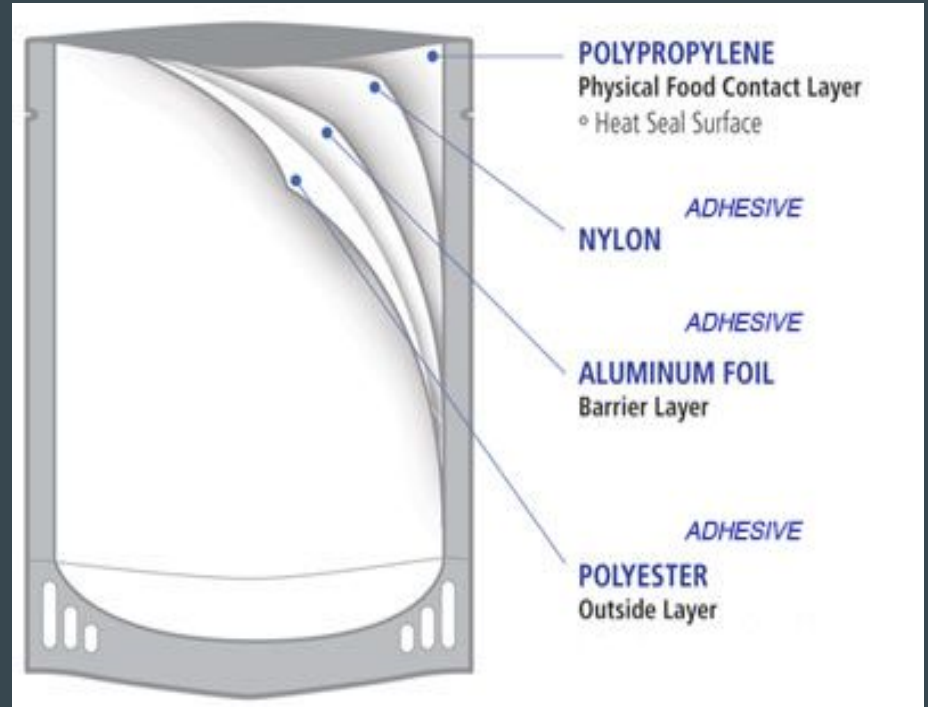
# Does Multi Material Flexible Packaging get recycled?

Flexible bags and composite containers are made up of multiple materials such as paper, plastic films, adhesives, foils and other materials. Therefore, recycling flexible bags or composite containers is very difficult and leads to the package becoming waste.

Below you will find links to articles explaining the difficulty of recycling composite and flexible packaging

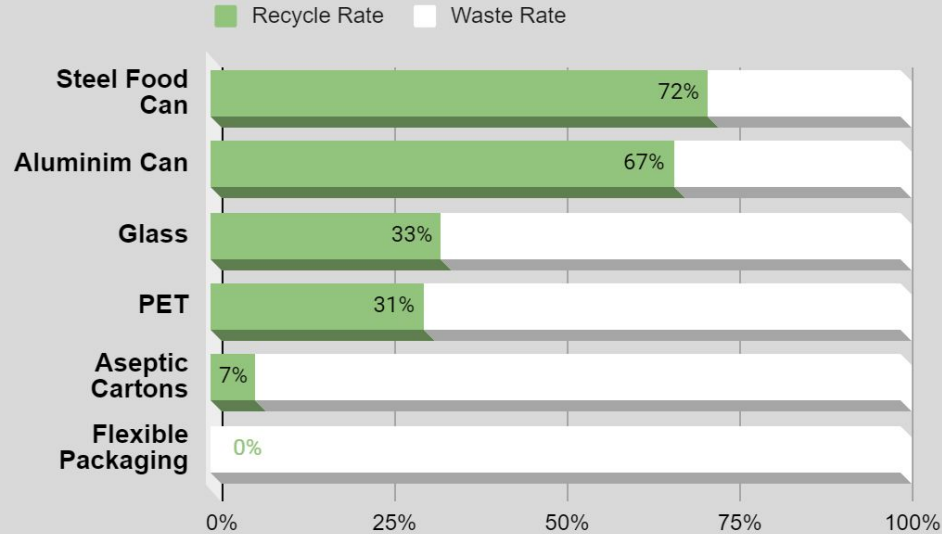
<https://livegreen.recyclebank.com/column/because-you-asked/can-i-put-composite-containers-in-the-recycling-bin>

<https://livegreen.recyclebank.com/eco-library/flexible-and-mixed-materials-packaging>



# Food Package Recycling Rates

Package Type



1 Steel Recycling Institute, 2012

2 Aluminum Association, 2012

3 EPA's 2010 MSW Characterization Report

4 NAPCOR

5 EPA lists a broad category of "bags and wraps" in its recycling data but does not break out flexible plastic packaging.

### 3) Avoid the use of harmful products in packaging.

- Most dry items (coffee and most powders) do not need any metal can coatings.
- For foods and products that need an additional layer of protection, we offer food-grade coatings.
- Metal cans are airtight and block all light creating the greatest protection from air, germs, and light degradation.





## 4) Educate customers why metal cans are the most sustainable package

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- Many factors contribute to metal cans being the most recycled packaging:
  - the infrastructure is already built giving metal the highest recycle rate (73%)<sup>4</sup>
  - due to the high value of steel, metal cans self-finance their recycling
  - steel's magnetic properties allow metal cans to be easily removed from becoming waste in landfills

<sup>4</sup><https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/containers-and-packaging-product-specific-data#SteelC&P>



# Conclusion

- Metal cans have the highest recycle rate (73%) of any food packaging (Can Manufacturers Institute, 2015).
- Flexible bags and composite containers are unrealistic to recycle.
- It takes 75% less energy to produce a steel can when using recycled material.
- Metal cans are infinitely recyclable without losing integrity; already reducing and potentially eliminating them from entering landfills.

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# About Us

Container Supply Company has been manufacturing Metal Cans since 1948. Now, 71 years later, CSC is owned and lead by the great grandson of the founder. Located in Garden Grove, CA, CSC serves the western United States, Canada, and Mexico.

All our metal cans are food-grade and sourced with domestic materials(unless noted otherwise).



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