

Plastics and You



*Performance by design.
Caring by choice.™*

Plastics are
all around
us!



- ENERGY SAVINGS
- FOOD PRESERVATION
- HYGIENE
- HIGHLY RECYCLABLE
- SMART CHOICE



Performance by design.
Caring by choice.™

Who is Chevron Phillips Chemical?

Chevron Phillips Chemical is a global leader in the production of olefins and polyolefins. **What's that?**

These are the ingredients that go into making the plastics and thousands of other products that you use every day.

Plastics are important!

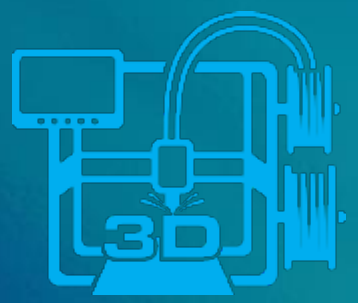
Plastics are all around us.





Performance by design.
Caring by choice.™

Which of these plastics do YOU use?





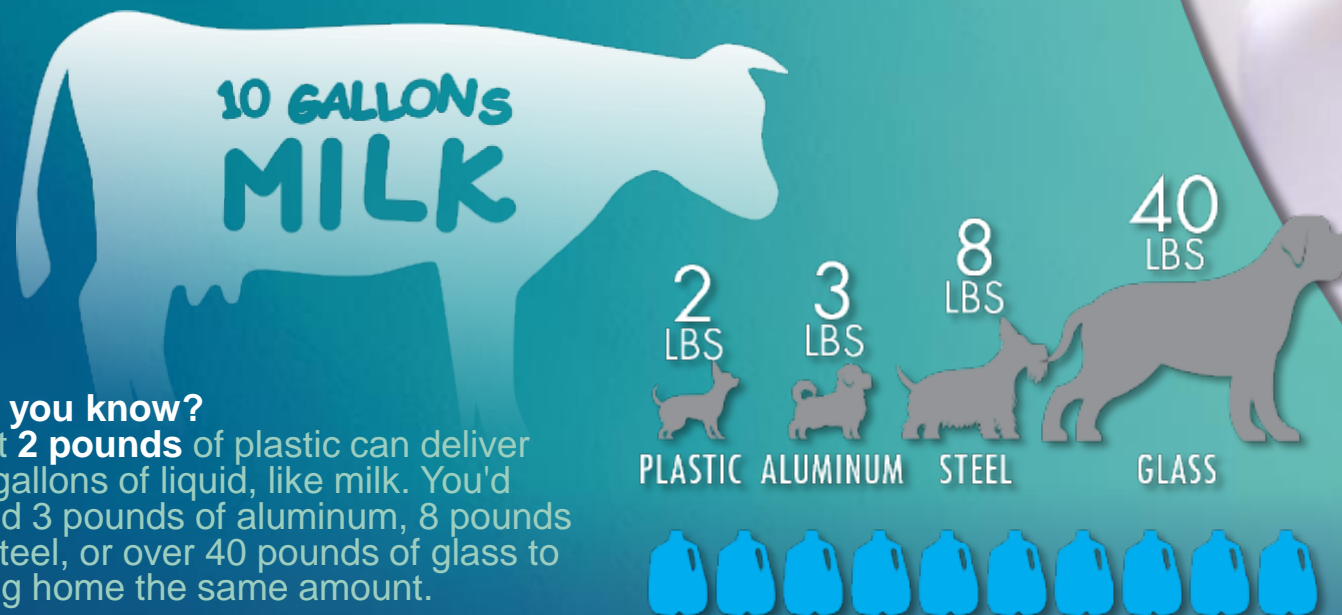
The Power of Plastics (video):

From heart valves to helmets, there isn't a person alive that hasn't benefitted from plastic materials and products.



Why do we use plastics?

Creating plastic can use **less energy** and cost **less money** than other types of materials like wood and glass.



Did you know?

Just **2 pounds** of plastic can deliver 10 gallons of liquid, like milk. You'd need 3 pounds of aluminum, 8 pounds of steel, or over 40 pounds of glass to bring home the same amount.





Plastics protect our food and help prevent food waste.

Food wrapped in plastic lasts longer than unwrapped food, so it also gets more of a chance to be eaten!



BANANA



CUCUMBER



STEAK



DAYS LONGER THAN UNWRAPPED FOOD

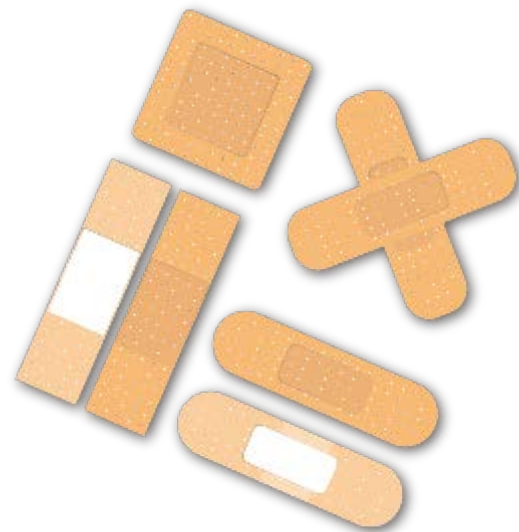


What is Single-Use Plastic?

Plastics used only **once** before they are thrown away or recycled. These items include plastic bags, bandages, straws, coffee stirrers, soda, water bottles and most food packaging.

Single-use plastic products are used in the medical industry to **prevent the spread of infection**

When disposed of properly, single-use plastic products **often have a smaller environmental footprint** than reusable items





Plastics should not end up in our environment!



- How can we help solve this problem? We hope that one day every piece of single use plastic can be recycled, reused or repurposed.
- We are involved with exciting new technologies and solutions to improve ways to reuse and recycle plastic.





Recycling

- We care, and many companies are doing things to help.
- Recycling is working!

\$2+
BILLION

Since 1990 the plastics industry through individual companies and organizations, has invested more than \$2 billion to support increased recycling and educate communities in the U.S.

6
BILLION LBS

Americans have recycled more pounds of plastics every year since tracking began in 1990. In 2015, we recycled 6 billion pounds of plastics, including nearly 3 billion pounds of bottles, more than 1.4 billion pounds of other rigid plastics, and more than 1.3 billion pounds of flexible wraps and bags also known as “film.”

94%
CAN RECYCLE

Today, more than 94% of Americans can recycle plastic bottles locally, and more than 70% of us can recycle flexible wraps and bags at 18,000 grocery stores across the U.S.





Performance by design.
Caring by choice.™

Recycling Tips

Place most bottles curbside

Include any plastic beverage bottles, food jars (e.g., peanut butter and mayonnaise), and bottles from shampoo, toiletries, laundry detergent and other household cleaners. Rinse them out and include the caps!

Take bags and wraps back to the store

Include your grocery and retail bags, newspaper bags, dry cleaning bags, wraps from bread, bathroom tissue, paper towels, beverage cases, diapers and baby wipes.

Find out what else can be recycled curbside

Check to see if other plastic containers are recycled curbside in your area: More and more communities are recycling plastic containers in addition to bottles. Check your community's website to see if they collect yogurt cups, butter tubs, deli containers, lids and other plastics.





Ocean Debris

- No one wants plastics ending up in the environment, including our oceans. Ever.
- We care about the environment and we are joining a special group to help.

*Across the globe, **355 plastics industry partnerships and projects** are underway, planned, or completed in communities.*



Ocean Debris

- It's important to recycle and reuse plastics as much as we possibly can.
- If we have to throw away plastics, we need to do it the right way.





Performance by design.
Caring by choice.™

Alliance to End Plastic Waste

Chevron Phillips Chemical is one of the founding members of a new group of top global companies, the Alliance to End Plastic Waste.

Members of this group include companies who make chemicals that go into plastic or make the plastic themselves, waste management companies, and government and community leaders.

***More than \$1 billion has been pledged, with a goal of investing \$1.5 billion over five years to eliminate unchecked plastic waste in the environment and especially the oceans.**



ALLIANCE TO END PLASTIC WASTE

What can YOU do?

Be Recycle Ready:

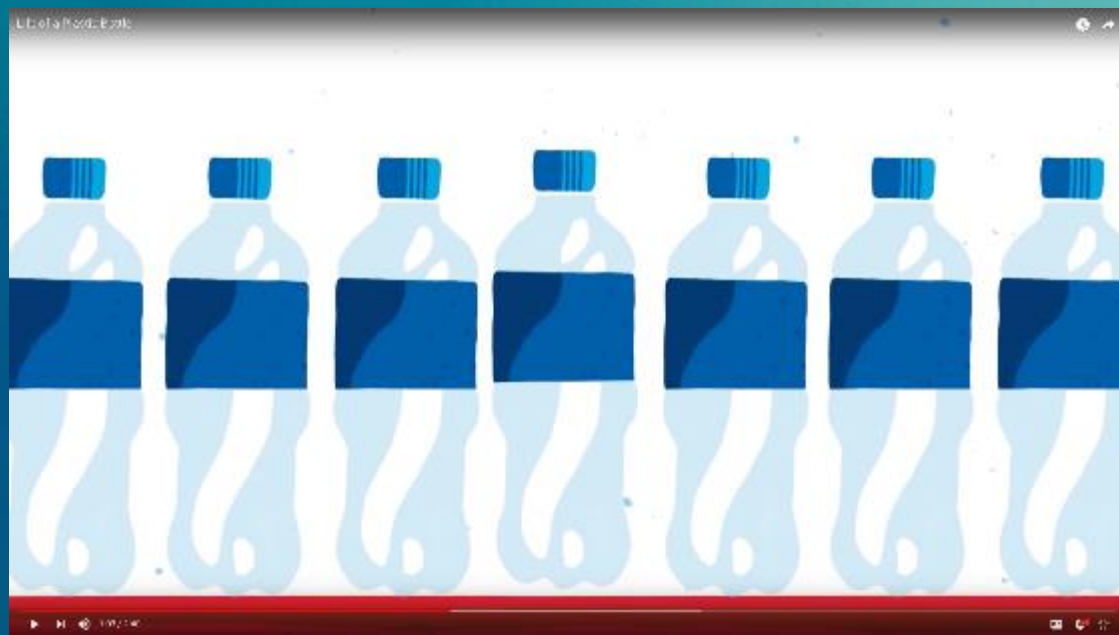
Know the recycling resources in your area.

- [Where to find recycling centers](#)
- [Tips on what and how things can be recycled](#)
- [Help to get started](#)

- **TELL** others about the value of plastic and encourage them to learn more!
- **HELP** others understand the importance of recycling.
- **SHARE** the good news of the how companies are helping to reduce plastic in our oceans.



Life of a Plastic Bottle (video)



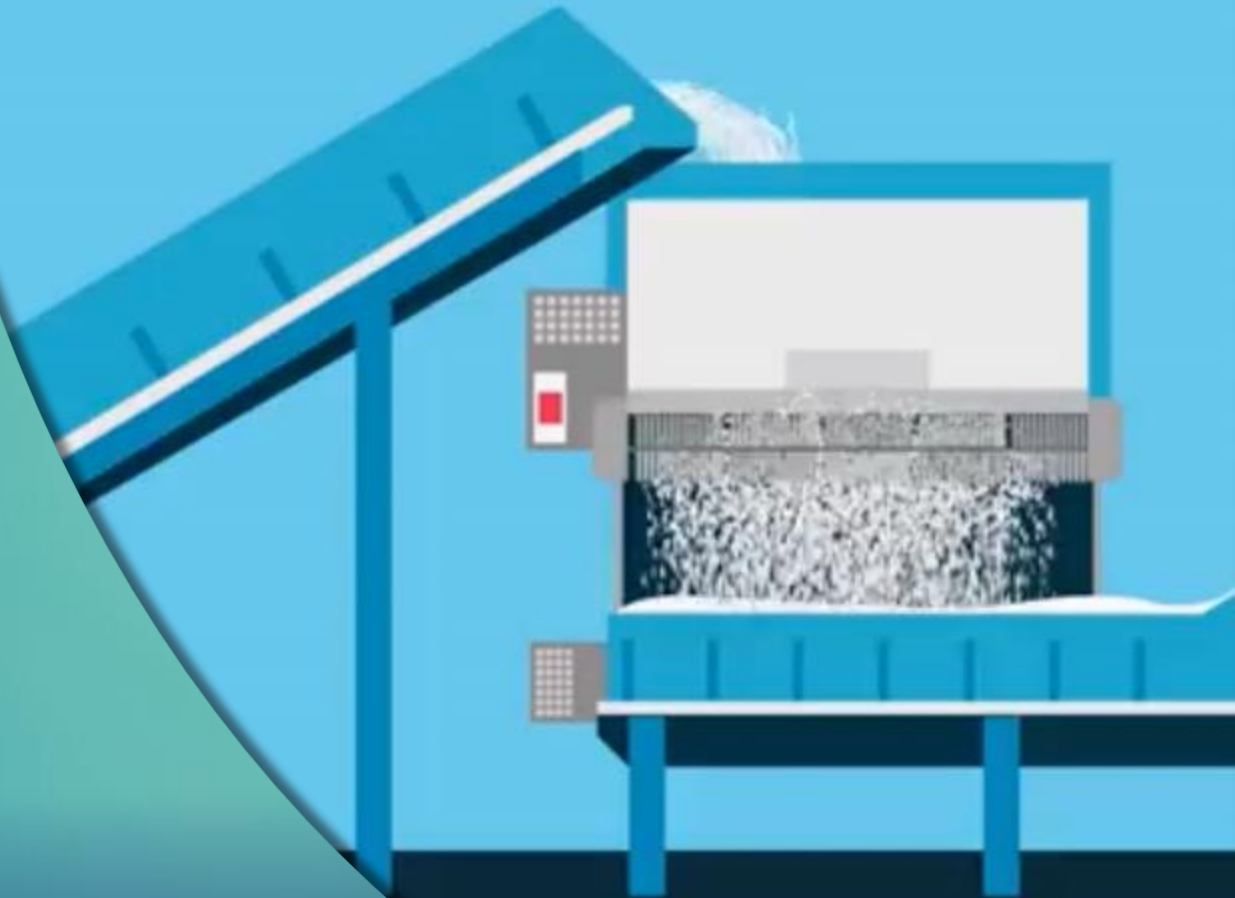
Rethink Plastic Packaging (video)

Plastic packaging is a key component in reducing food waste.



Recycling 101 (video)

The life of a plastic carton, bottle or package doesn't end when it's tossed into a recycling bin. It begins again.



Sid the Science Kid Importance of recycling (video)

