TemperPack

Environmental Impact Report

2018

Packaging that works for everyone

At TemperPack, we seek to solve the world's packaging problems through sustainable design.

That means creating packaging that meets the needs of manufacturers, consumers, and the environment.

We use plant-based materials, sourced from rapidly renewable resources, which help reduce carbon emissions.

When our customers replace expanded polystyrene (EPS), often known as Styrofoam®, with our products, they significantly reduce their environmental impact.

In this report, we estimate the environmental impact of customers choosing our products instead of EPS or bubble wrap.
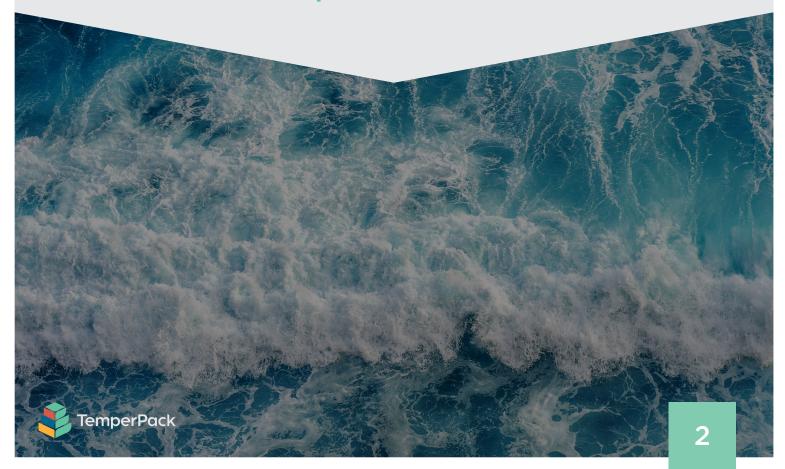
Our estimates are based on our 2018 calendar year sales, our own manufacturing and distribution data, as well as data from **EPA.gov**.
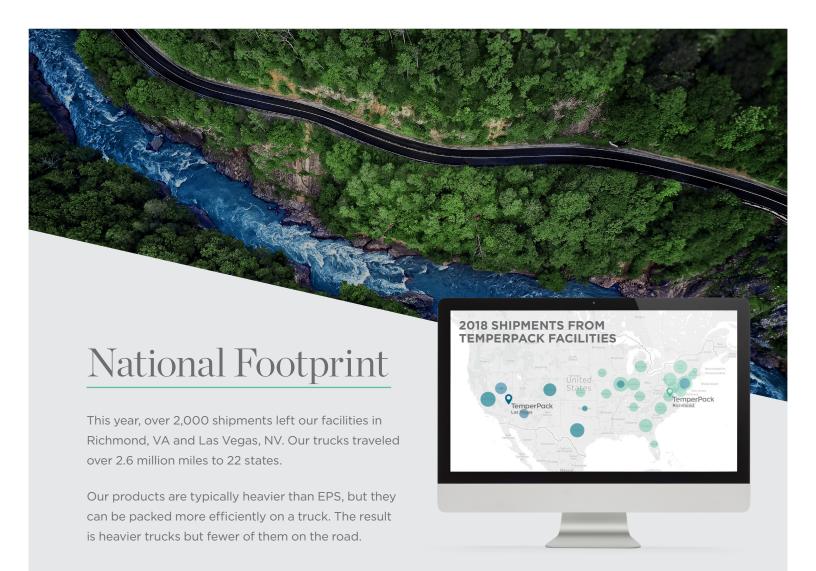
We're happy to report that we had a great year, exceeding our goal for working with customers to reduce emissions by choosing our products over EPS and bubble wrap:

Styrofoam® is a trademark of the Dow Chemical Company.

2018 EMISSIONS GOAL:
15 million pounds of CO_2E avoided

2018 EMISSIONS OUTCOME:
25 million pounds of CO_2E avoided

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National Footprint

This year, over 2,000 shipments left our facilities in Richmond, VA and Las Vegas, NV. Our trucks traveled over 2.6 million miles to 22 states.

Our products are typically heavier than EPS, but they can be packed more efficiently on a truck. The result is heavier trucks but fewer of them on the road.

2018 SHIPMENTS FROM TEMPERPACK FACILITIES

TemperPack
Las Vegas

TemperPack
Richmond

Recycled and Recyclable

How does TemperPack help ease the environmental burden of packaging?

We re-use materials, giving them a second life. We also create packaging that is recyclable, which helps keep plastic out of landfills.

8 million pounds
of re-used
cotton and jute fiber

3.5 million pounds
of finished products that
are recyclable alongside
cardboard

500,000 pounds
of bubble wrap diverted
from going into landfills

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CO$_2$E Emissions

By choosing TemperPack products instead of EPS foam or bubble wrap, our customers reduced their CO$_2$E emissions, both in manufacturing and distribution.

Over 25 million pounds of CO$_2$E avoided. This is the equivalent amount of carbon sequestered by **13,346 acres of forests in a year**. That would be like replacing about 1/3 of our home city, Richmond, VA, with carbon-gulping forests.

24,000,000
POUNDS OF CO$_2$E AVOIDED IN MATERIALS MANUFACTURING

+ 1,000,000
POUNDS OF CO$_2$E AVOIDED IN MATERIALS DISTRIBUTION

25,000,000
POUNDS OF CO2 EMISSIONS AVOIDED

Richmond, VA

TemperPack

We're in this together.

We appreciate our customers and thank them for trusting us with their packaging and their brands. Together we exceeded our goal and made big strides for the environment in 2018.

Our goal for 2019 is even more ambitious: **40 million pounds of CO2E avoided.** We can't wait to get there.

TemperPack