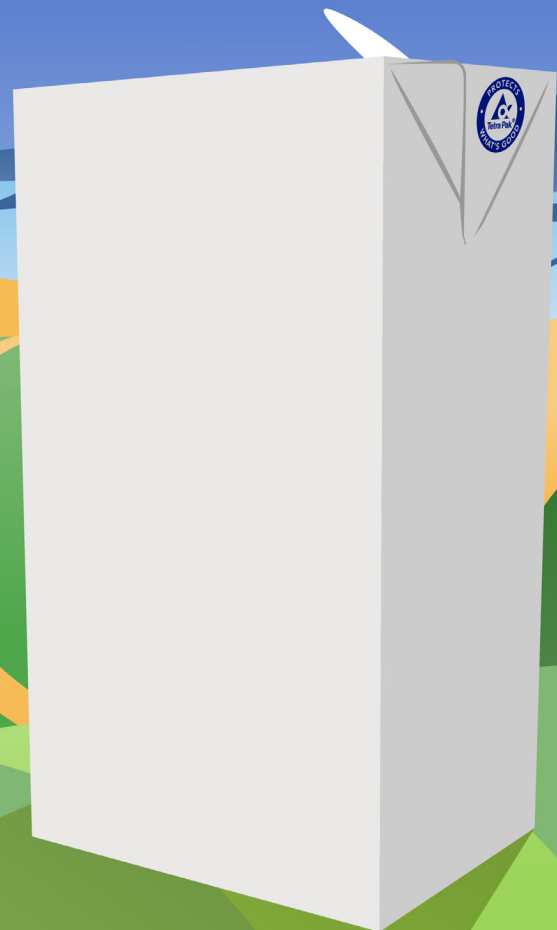


SHELF STABLE MILK FOR SCHOOLS

A Safe and Sustainable Option



MAKING MILK ACCESSIBLE, SUSTAINABLE, & ECONOMICAL



Schools go through **403**
MILLION
gallons of milk each year*

*MilkPEP

With so much milk being used annually by schools across the country, Tetra Pak® is on a mission to make dairy milk more accessible, sustainable, and economical.

Our **Shelf Stable Milk for Schools** initiative is a unique opportunity for dairy farmers, milk processors, schools and school districts to realize the advantages of aseptic cartons for dairy milk.



SAME GREAT MILK – DIFFERENT PACKAGE!



The benefits of shelf stable

Shelf stable milk is the same dairy milk we already know and love – but Tetra Pak® Aseptic cartons keep milk safe for **six months or more** without the need for refrigeration when unopened!

And when the milk can be stored outside of the fridge, there are a host of benefits that can positively impact your bottom line.



**Save energy by
eliminating chilled
distribution**



**Store easily in bulk,
reducing “hot shot”
orders and waste**



**Lengthen time
between deliveries,
saving more than
\$.6 per unit***

*Douglas County Aseptic Study

A PROGRAM THAT MEETS THE MOMENT

The *Shelf Stable Milk for Schools* initiative isn't about fancy packaging. Tetra Pak® is and always has been committed to protecting food, people, and the planet using innovative technologies and processes.

There has never been a better time to get on board with shelf stable milk!

Mission:

Increasing access to healthy milk for all students

Aseptic cartons help make milk more broadly available to schools across the country. Its long shelf life prevents spoiled milk, and allows students to safely bring their unopened milk home to enjoy later – also making it a perfect addition to school backpack programs!

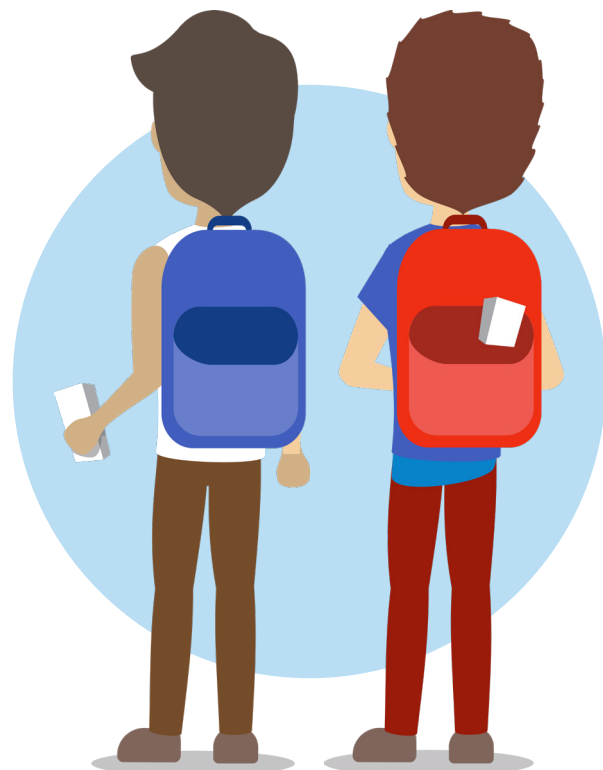
Delivering nutritious, good food in a new way

Our brand promise, PROTECTS WHAT'S GOOD™, speaks to our commitment to providing people with healthy, safe, and delicious food. We are equally focused on innovating how we fulfill that promise, and aseptic cartons are one way Tetra Pak has evolved nutrition. Help us continue the evolution in schools across the country!

*J. Public Health

Making school milk more sustainable

With reduced milk waste and no need to refrigerate when unopened, using aseptic cartons in schools has the potential to lower greenhouse gas emissions by 28.5%*. Plus, our cartons are recyclable!





**“Schools really liked the package;
most have had a positive reaction.”**

- Cafeteria Personnel, 2018/2019 Tetra Pak School Milk Pilot Program Study



THE SCIENCE BEHIND SHELF STABLE

It all starts with our equipment

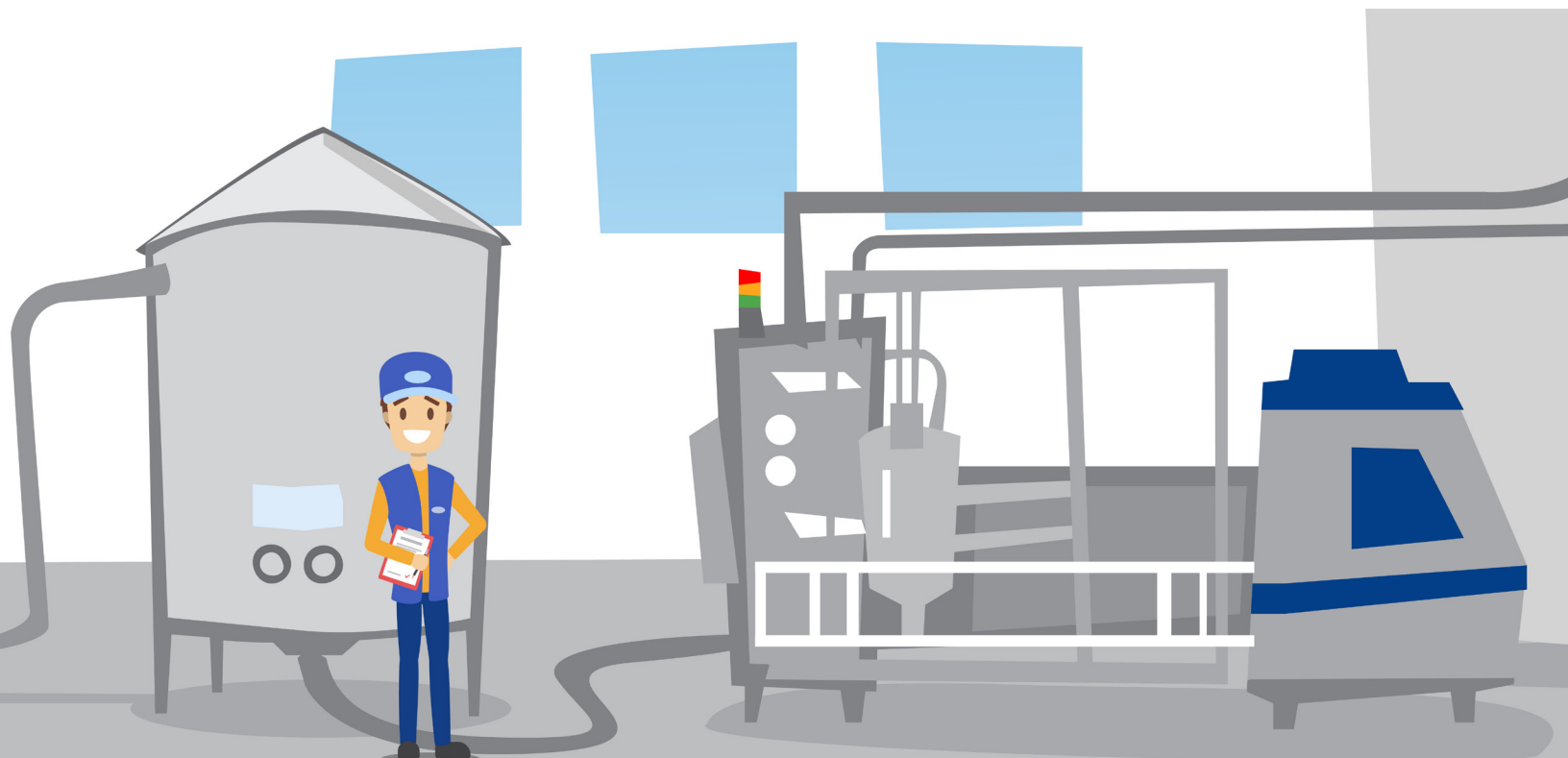
Tetra Pak invented aseptic carton packaging technology, developing and perfecting systems that have proven year over year to be some of the most reliable and hygienic on the market.

- Components are sourced only from large, trusted suppliers who offer global support.
- Automated cleaning systems ensure minimized risk of the contamination that can occur with manual equipment.
- Dependable food safety and quality control.

Ultra high temperature (UHT) treatment

UHT is a sterilization process that heats food to a high temperature for a short period of time, killing harmful bacteria while preserving the nutritional value of the food. This process ultimately allows the food to last longer on the shelf when packaged in an aseptic carton.

- No difference in nutritional value of major nutrients Vitamins A, D, E, calcium and protein when compared to pasteurized milk.
- Due to ultra-high heat treatment, there is no need to use additives or preservatives before packaging.
- The difference between UHT-treated milk and pasteurized milk is the temperature of the heat treatment to the milk, and its aseptic carton.



SAFE STERILE SECURE

Tetra Pak® Aseptic cartons are sterilized before being filled and sealed

- Six layers of material protect each aseptic carton's contents from light, oxygen, bacteria, and more.
- The compact package design makes it easy to store and for students to use – the tethered opening helps prevent spills and doesn't require a straw!

Seals in liquid

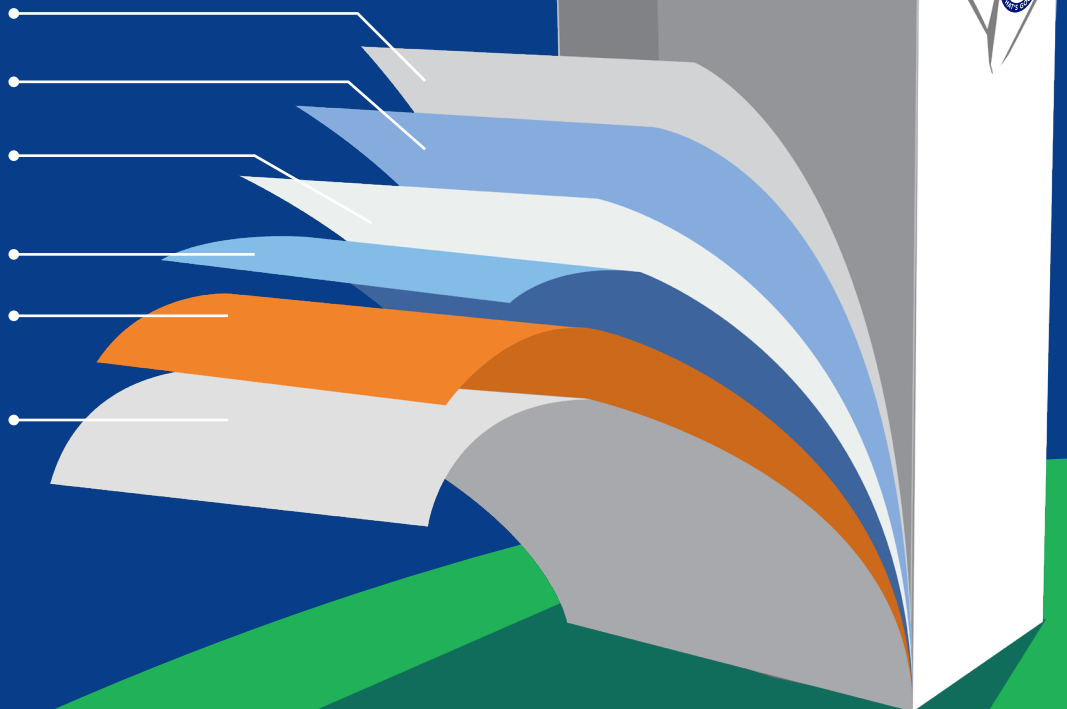
Adhesion layer

**Oxygen, flavor
and light barrier**

Adhesion layer

**Paper for stability
& strength**

**Outside moisture
protection**



SMARTER FOR LOGISTICS, SMARTER FOR SCHOOLS

From the elimination of chilled distribution in refrigerated delivery trucks to the ability to store milk in bulk without refrigeration when unopened, the benefits of shelf stable milk are hard to ignore.



Reduce deliveries to once every other week

- Save on labor, fuel, handling, and receiving
- Increase school safety with fewer people coming and going



Open up a broader geography

- Healthy dairy milk can be made available to districts where there is no dairy producer nearby.
- Smaller school districts can better manage with infrequent deliveries and economies of scale



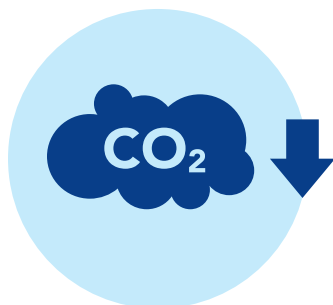
Be less wasteful and more sustainable

- Eliminate spoiled milk due to cooler malfunctions or poor handling
- Students can take unopened aseptic milk cartons for later consumption
- Shrink carbon footprint with no need for chilled transportation



Streamline inventory management

- Eliminate over-orders and easily store in bulk
- Make sell-by dates and rigid inventory rotations a thing of the past
- Manage sourcing more efficiently

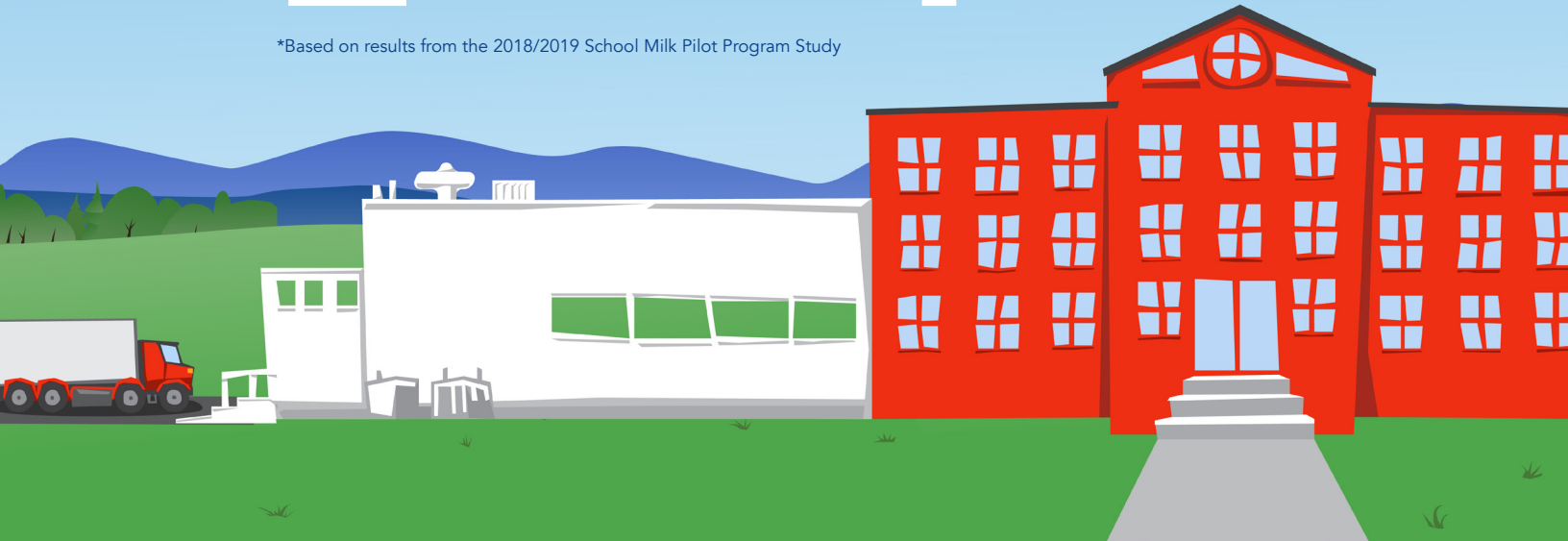


Reduce CO2 emissions by the equivalent of driving 248 miles – simply by eliminating truck refrigeration needs and decreasing delivery frequency!

*J. Public Health

Potential to reduce delivery frequency from
2 per week → **1** every other week*

*Based on results from the 2018/2019 School Milk Pilot Program Study



DAIRY DOING GOOD

Tetra Pak's Aseptic cartons are made from mostly renewable materials, are recyclable, and enable dairy farmers/processors and school districts to reduce their carbon footprint.

Our commitment to sustainability

The paperboard used in our packaging is certified by the Forest Stewardship Council® (FSC), meaning the wood fibers used in our aseptic cartons are responsibly sourced. The FSC® promotes responsible management of the world's forests to protect them for future generations.

Planet-friendly benefits include:

- Lower CO2 emissions from reduced deliveries to schools
- Energy savings from the elimination of chilled deliveries
- Less waste due to shelf stability and recyclable packaging

THE VALUE CHAIN APPROACH



Responsible

Materials sourced from renewable and sustainable origins.



Compliant

Manufacturing is ISO 14001 compliant and adheres to World Class Manufacturing (WCM) principles.



Clean

Using optimized, innovative food processing machinery, our aseptic cartons are produced with the highest level of hygiene and sterility.



Renewable

Tetra Pak® Aseptic cartons are made mostly from wood fibers, which are a renewable resource. 100% of the paperboard in our packages comes from Forest Stewardship Council® certified forests and other controlled sources.



COMMITTED TO A LOW-CARBON, CIRCULAR ECONOMY

When you become part of Tetra Pak's *Shelf Stable Milk for Schools* initiative, you become part of a circular economy – meaning you are contributing to manufacturing processes aimed at lowering the overall impact on the environment. We consider machinery, logistics, materials, and consumption to ensure that everything we do – and, consequently, everything you do as part of this initiative – is good for the planet and its people.



**Learn more about bringing shelf
stable milk to your school!**

Visit: www.tetrapak.com/us/schoolmilk



A founding member:



ABOUT TETRA PAK

Tetra Pak is a world leading food processing and packaging solutions company. Working closely with our customers and suppliers, we provide safe, innovative and environmentally sound products that each day meet the needs of hundreds of millions of people in more than 160 countries. With more than 25,000 employees around the world, we believe in responsible industry leadership and a sustainable approach to business.

Our promise, "PROTECTS WHAT'S GOOD™," reflects our vision to commit to making food safe and available, everywhere.

More information about Tetra Pak is available at www.tetrapak.com.

