EPS PACKAGING SUSTAINABILITY

PERFORMANCE. PROTECTION. CIRCULARITY.



EPS transport packaging is the smart choice.

It delivers superior protection, reduces damage and returns, lowers logistics emissions, & supports a circular economy.

WHY EPS PACKAGING

SUPERIOR PROTECTION

Absorbs shock & vibration to protect products from origin to destination.

LIGHTWEIGHT EFFICIENCY

Up to 98% air - significantly lighter than alternatives, reducing emissions.

COLD CHAIN RELIABILITY

Excellent thermal performance to maintain temperature for food, pharma, & medical.

SUSTAINABLE BY DESIGN

Recyclable, reusable & engineered for a circular economy.

TRUSTED BY INDUSTRY

Chosen across appliances, electronics, medical, pharms, seafood & agriculture.

EPS RECYCLING IN NORTH AMERICA

WIDESPREAD RECYCLING INFRASTRUCTURE

Well-established collection & densification network across the U.S. & Canada

206

MILLION POUNDS

of EPS packaging were diverted from landfill in North America in 2024.

700+

RECYCLING OPPORTUNITIES

in the U.S. & Canada make it easy for businesses & communities to recycle EPS.

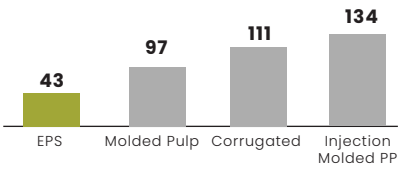
RECYCLED CONTENT. REAL VALUE.

- EPS packaging can be manufactured using recycled-content resin, post-industrial or post-consumer feedstock.
- Typical recycled content ranges from 30 - 50%, depending on application and performance requirements.
- Recycled EPS resin maintains the same high performance & protective properties.
- Recycled content available up to 50% depending on application and performance requirements.

LIGHTER WEIGHT. LOWER EMISSIONS.

Independent life cycle assessments show EPS packaging has a lower carbon footprint compared to common alternatives.

Carbon Footprint (kg CO_2e per functional unit)



Up to 2-3 times lower emissions than alternative materials.

CHEMICAL SAFETY & TRANSPARENCY

- No formaldehyde, CFCs/HCFCs or heavy metals
- Products available for FDA food contact regulations*
- Low global warming potential and low ozone depletion potential blowing agent.

applies to non-fire retardant products

EPS-IA members are committed to advancing safety, performance & sustainability thorugh innovation & responsible manufacturing.

LEARN MORE

epsindustry.org