

# PEXS

(Pressed Extruded Starch)

## INSULATED CONTAINERS

THE GREEN ALTERNATIVE

## INNOVATIVE COST EFFECTIVE



**THERMAL GREEN**  
Insulated Containers



## THERMAL PACKAGING

FOR A GREENER WORLD

Reduce your carbon footprint with PEXS.

Natural ingredients allow the planet and your business to thrive. Comparable insulating products such as EPS have a product carbon footprint (PCF) of 26. 173kgCO<sub>2</sub> per meter cubed.

For example: Using 1000 EPS containers weighting 1 lb. each for cold chain shipping each month, will generate over 8 tons of green house gas per year. Starch beads have PCF of 9.347 kg CO<sub>2</sub>.

Approximately 64% of green house gas is avoided.

### PEXS IS SUSTAINABLE

Being environmentally responsible can promote increased business opportunities.

**PEXS COST AND INSULATION ARE COMPARABLE TO EPS.**

**PEXS IS AN ECONOMICAL MEANS TO GO GREEN.**



Specializing in Designs, Pre-Validation  
Testing and Validation Services





MADE IN THE USA

**Compostable**

**Economical**

**Recyclable**

**Reusable**

**Sustainable**

**PEXS** is completely natural and compostable.

**PEXS** aligns your company with the growing trend of environmental responsibility.

**PEXS** raw material source uses carbon dioxide to grow.

**PEXS** does not require steam or heat to cure and has no hydro-carbon blowing agent.

**PEXS** will not crack or split offering increased transit protection

**PEXS** unique individual beads eliminate manufacturing waste due to poor cutting yields common with planks or buns.

**PEXS** validation and implementation made easy by our ISTA Certified Thermal Laboratory.

**PEXS** is the GREEN cost cutting thermal insulated container.

**ISTA CERTIFIED**

Thermal Laboratory



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