



CRUZFOAM

An Evolution in Sustainable Foam Packaging

Cruz Cool™

Cruz Foam introduces the world's premium, sustainable, insulated protective box to safely ship your perishable goods door-to-door using compostable Cruz Foam Inside.

KEY INDUSTRIES



seafood



pharma



cold-chain



DETAILS

A quick and easy to assemble product that matches your brand experience with a clean and integrated design. Ideal for shipping seafood, meal kits, pharmaceutical, specialty foods, and other cold-chain needs.

SUSTAINABILITY

Cruz Foam is home-compostable. In the recycling process, Cruz foam is washed out and not harmful to cardboard recovery. Curbside recyclable certification through WMU expected this year.

FEATURES

Customizable box dimensions
Standard 1.5" thickness for various applications
48 hour thermal protection
Equivalent R Value to synthetic alternatives
Customizable one color printing



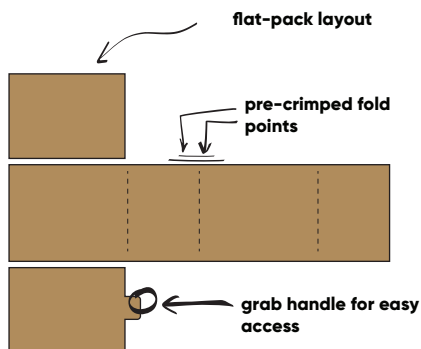
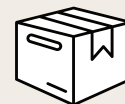
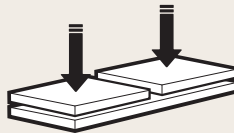
cushioning
&
insulation

FLAT-PACK
PACKAGING

OR

SHIPS FULLY
ASSEMBLED

ASSEMBLY TIME
~10 seconds



Cruz Foam Inside™
compostable core



certified curbside
recyclable



NEW EARTH
APPROVED
Packaging Solutions for a Healthy Planet



CRUZ FOAM

Cruz Wrap Wine™

Cruz Foam introduces the world-first curbside recyclable, paper-lined compostable foam wrap specifically designed to protect and insulate around wine & spirit bottles, and other fragile and temperature-sensitive bottled items during transportation and shipment.

KEY INDUSTRIES



void fill



bottle



grocery



cold-chain



DETAILS

Innovative, sustainable design supplies protection, & thermal insulation properties while positively reflecting your brand. Ideal for transporting and shipping wine, liquor, olive oil, and other bottled items.

FEATURES

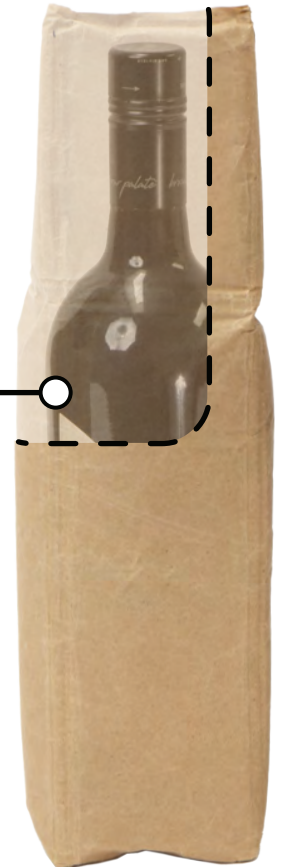
12.5" X 15" wrap with perforation, sold on a roll
Specialized crimps for easy wrapping of standard 750ml bottles
Attractive aesthetic for gifting and presentation
Customizable one color printing
3 hours cold chain performance



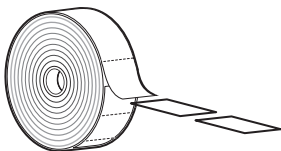
SUSTAINABILITY

Curbside recyclable containing compostable Cruz Foam Inside protection and insulation and a low carbon footprint.

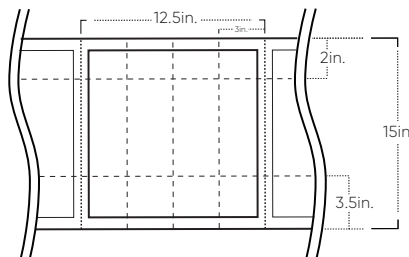
thermal and impact protection



sold on a roll



Cruz Wrap panel dimensions



Cruz Foam Inside™
compostable core



100% curbside
recyclable certification
in process



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CRUZFOAM

Cruz Pack™

Cruz Foam introduces world-first curbside recyclable, paper-lined compostable foam mailer specifically designed to protect and insulate fragile and temperature-sensitive items during transportation and shipment.



KEY INDUSTRIES



bottle



grocery



cold-chain

DETAILS

Innovative, sustainable design replaces plastic bubble wrap supplying protection, & thermal insulation properties while positively reflecting your brand. Ideal for transporting and shipping fragile gifts, cosmetics, confectionery products, and similar items.

SUSTAINABILITY

Curbside recyclable containing compostable Cruz Foam Inside protection and insulation and a low carbon footprint.

BENEFITS

8.5"X12"
Thickness 1/8"
Customizable one color printing

CRUZ FOAM INSIDE

Innovative, sustainable design replaces plastic bubble wrap supplying protection, & thermal insulation properties while positively reflecting your brand. Ideal for transporting and shipping fragile gifts, cosmetics, confectionery products, and similar items.



Cruz Foam Inside™
compostable core



100% curbside
recyclable certification
in process



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CRUZ FOAM

Cruz Cush™

A high-performance protective product with a “block & brace”-style format for the shipping of impact-sensitive goods.



KEY INDUSTRIES



void fill



impact protection

DETAILS

A highly-customizable solution for brand-specific optimization and experience, in combination with cardboard outer boxing to achieve curbside recyclability.

SUSTAINABILITY

Cruz Foam's bio benign formula is home and industrially compostable. From sourcing to disposal, Cruz Foam exemplifies circularity. With 70% upcycled ingredients, Cruz Cush sets a new bar for sustainability. It has passed ASTM D6400 and D6868 testing, and proven to be an efficient soil fertilizer in ecotoxicity testing.

BENEFITS

The world's first completely circular, compostable packaging foam that can match the technical, performance, and aesthetics of polystyrene foams. Cruz Cush provides the performance requirements to ensure both the safe delivery of high value goods and the sustainability that consumers demand.

customizable
compression curves

optional
fiberboard
substrate



Cruz Foam Inside™
compostable core



certification in
progress



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CRUZ FOAM

Technical Data Sheet

Cruz Foam is a circular materials company that produces regenerative, earth-digestible protective packaging foam and other eco-friendly solutions that offer a sustainable alternative to petroleum-based products. Cruz Foam's patented products are circular in nature, using bio-polymers found in nature to create a compostable material using the existing supply chain and at a similar cost. Cruz Foam is a mission-driven company creating impact at scale by empowering industry leaders to be the catalyst for a cleaner environment.

DATA	STANDARD	BASELINE FOAM
DENSITY (Kg/m ³)	ASTM3575W	30-60
DENSITY (lb/ft ³)	ASTM3575W	1.9-3.7
COMPRESSIVE STRENGTH (@10% kPa)	ASTM3575D	1.4-13
COMPRESSIVE STRENGTH (@25% kPa)	ASTM3575D	2.1-65
COMPRESSIVE STRENGTH (@50% kPa)	ASTM3575D	3.3-94
COMPRESSIVE STRENGTH (@75% kPa)	ASTM3575D	9.4-180
COMPRESSIVE STRENGTH (@10% psi)	ASTM3575D	0.2-1.8
COMPRESSIVE STRENGTH (@25% psi)	ASTM3575D	0.7-9.3
COMPRESSIVE STRENGTH (@50% psi)	ASTM3575D	0.5-14
COMPRESSIVE STRENGTH (@75% psi)	ASTM3575D	1.4-25
R VALUE PER INCH (ft ² .°F.h/BTU)	ASTMC518	3.3-3.7

The data represented in this matrix is a typical values set obtained by an averaging of the reportable data recorded in ambient conditions for the foams in consideration. Cruz Foam densities represent pre-commercialized R&D values. Expected densities for commercial grade foam are between 3.2 - 3.7 lb/ft³. Variation of properties with environmental conditions is expected. Recommended conditions for use 20%RH-80%RH, -20F - 147F.



CRUZFOAM

thank you