

THE RIGHT PROTECTION FOR YOUR PRODUCTS

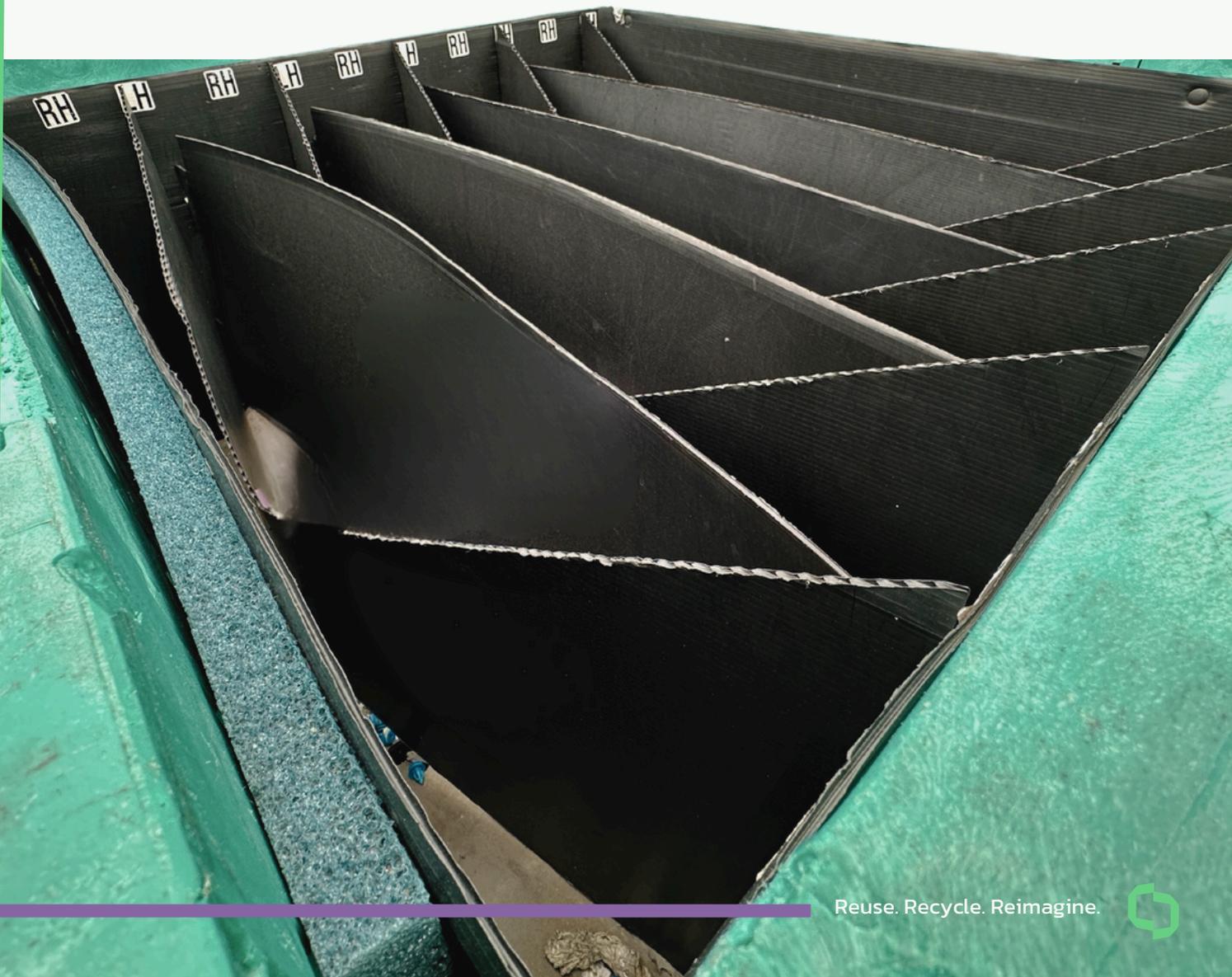
Customizable Dunnage

The **Value** of Custom Dunnage in Supply Chains

When it comes to protecting products in transit, a one-size-fits-all solution doesn't cut it. Whether you're shipping delicate electronics, scratch-sensitive components, or heavy-duty industrial equipment, customizable dunnage ensures every product is protected properly—without unnecessary waste or risk.

At [Extera](#), we specialize in matching the right dunnage material to your product's specifications. We work with leading U.S.-based manufacturers in Indiana, Pennsylvania, Ohio, and more to offer tailored, highly engineered dunnage that supports supply chain resilience, product safety, and cost-efficiency.

We'll break down the key types of dunnage Extera offers, when and why they're used, and how they can be tailored to meet the exact demands of your products and processes.



Choosing the **Right** Dunnage Material

Foam Dunnage

Use Case:

Perfect for shock-sensitive items that require cushioning support, such as electronic components, fragile mechanical assemblies, or precision instruments.

Extera offers custom foam dunnage that can be cut, contoured, or laminated to hold items in place with minimal movement. Depending on your needs, foam can be engineered for single or multi-use, with lifespans lasting 3–4 years under normal use conditions.

Advantages:

- High-impact resistance
- Long-lasting durability (18–20 uses)
- Custom-cut cavities for tight fits
- Supports layered shipping configurations



Fabric Dunnage

Use Case:

Ideal for parts and products with highly sensitive surfaces that require protection from abrasion or scratching—such as automotive trims, polished metals, or painted components.

Fabric dunnage is soft, flexible, and fully customizable. It's often used to line returnable containers and protect high-finish products during repetitive transport. Extera can help design multi-pocket or layered fabric inserts that provide clean separation between parts, minimizing contact while maximizing efficiency.

Advantages:

- Scratch-resistant surface protection
- Washable and reusable
- Recyclable material
- Lightweight for fuel-efficient transport



Choosing the **Right** Dunnage Type

Plastic Corrugated – Rigid & Flexible

Use Case:

Best suited for stacking, spacing, or separating items within a container, offering structure and scalability for a wide range of parts.

Plastic corrugated dunnage comes in rigid and flexible configurations. Rigid sheets are often used as structural dividers or trays, while flexible options can be bent, folded, or shaped for custom-fit packaging. Extera also offers double-wall or fluted plastic solutions for greater strength.

Advantages:

- Recyclable and lightweight
- Water- and chemical-resistant
- High strength-to-weight ratio
- Fully customizable in color and screen printing



Thermoformed & Injection-Molded

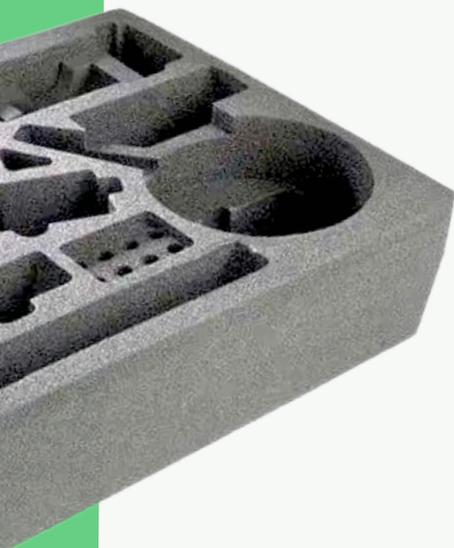
Use Case:

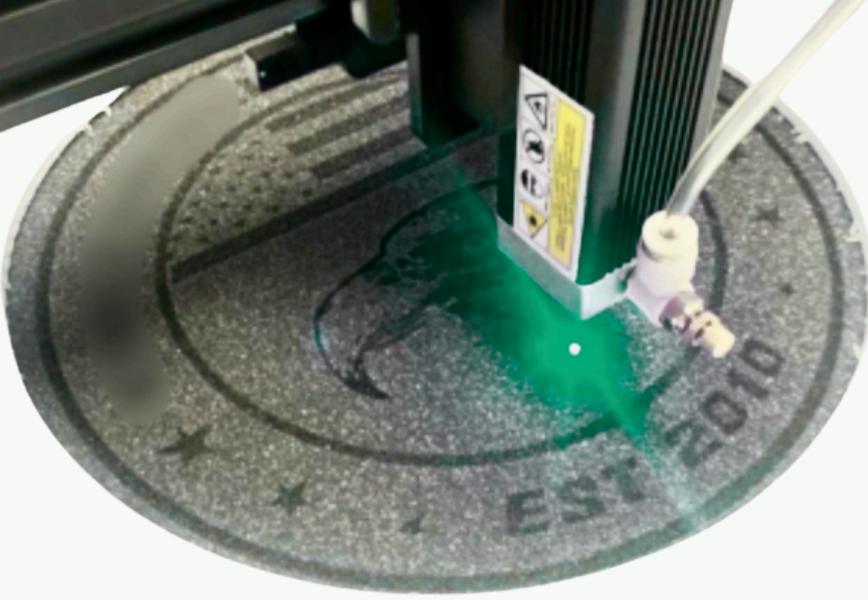
Engineered for parts that require secure nesting or fit-for-purpose shapes—often seen in high-volume automotive or manufacturing production environments.

Thermoformed trays and injection-molded dunnage are ideal for applications requiring precision, stackability, and part separation. Extera can partner with fabricators to develop a mold or form based on your product geometry.

Advantages:

- Custom-designed molds for exact fit
- Highly repeatable use cycles
- Excellent for automated handling
- Reduces part shifting or abrasion





The Extera Advantage

Advanced Customization Options

Many of Extera's most successful solutions combine multiple dunnage types to meet complex protection needs. For example, foam-lined fabric inserts or plastic corrugated paired with thermoformed trays provide both structure and gentle handling. For more efficient returns and storage, Extera also offers accordion-style layered dunnage systems that collapse after delivery—minimizing waste and streamlining logistics.

What truly sets Extera's custom dunnage apart is the ability to personalize every detail. We can color-match dunnage to your brand and screenprint logos or handling instructions directly onto the dividers—enhancing returnable container identification, improving handling compliance, and giving your supply chain a professional, cohesive look.

Engineered for You, Backed by Experience

With deep knowledge of dunnage engineering and decades-long relationships with U.S. fabricators, Extera delivers not just a product—but a total protective packaging solution. Whether you [lease containers](#) with built-in dunnage or purchase custom inserts outright, our team ensures you get the perfect fit for your operational needs.

We'll help you:

- Evaluate your existing dunnage strategy
- Choose materials based on product specifications, lifecycle, and sustainability goals
- Customize dunnage with screenprinted messaging, colors, and branding
- Build scalable systems with returnable packaging and ongoing leasing support



BUILT TO FIT, DESIGNED TO LAST

A Smarter Way to Ship

Every product deserves the right protection. With customizable dunnage from Extera, you gain the performance, flexibility, and branding to optimize every shipment. Whether you need foam-lined inserts or color-matched dividers with your logo, our experts are ready to build a solution that delivers. Let's protect what matters—together. [Contact Extera today](#) to get started.

