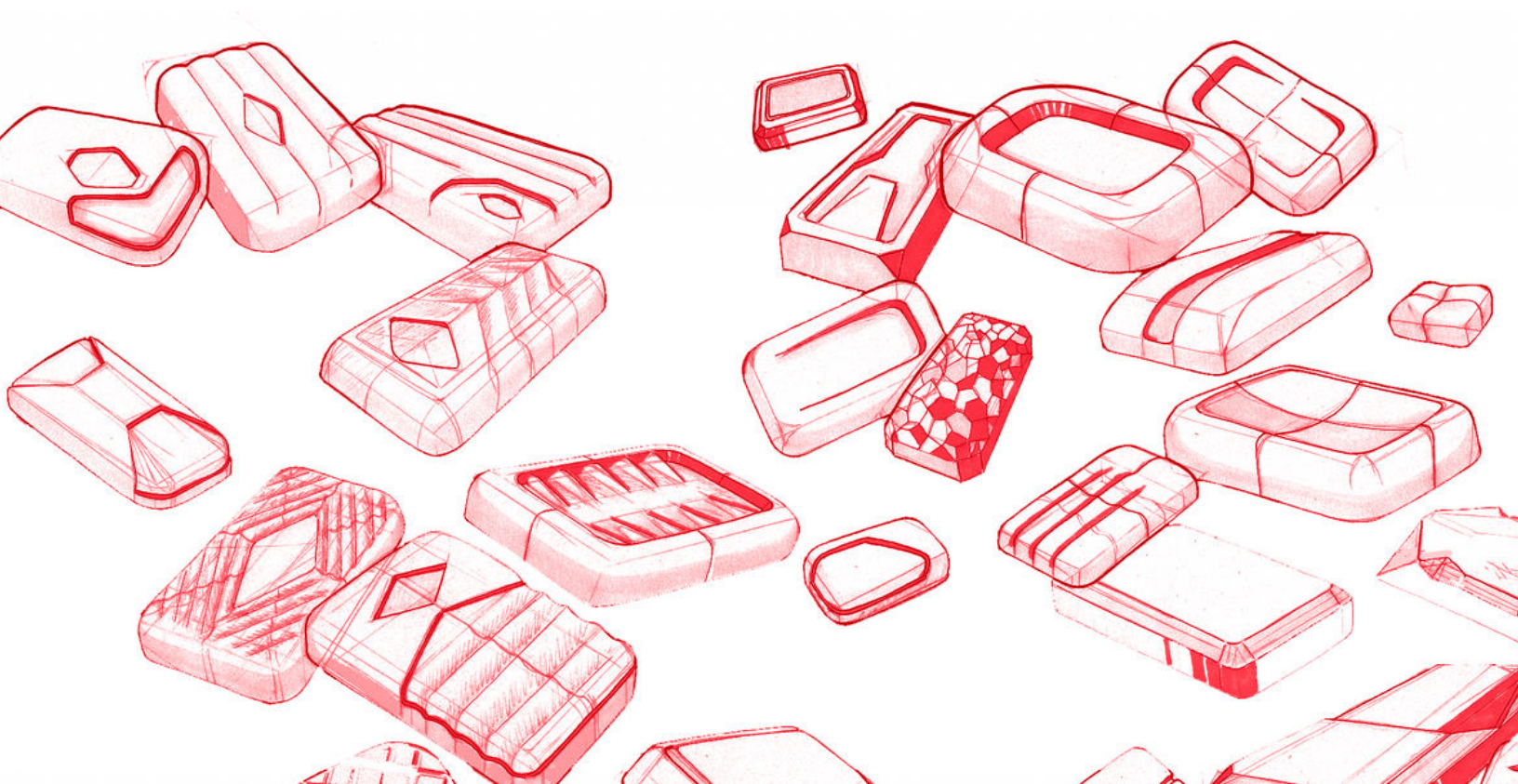


THE ESSENTIAL GUIDE TO CUSTOM EVA CASES FOR SUPPLY CHAIN PROFESSIONALS



 **Tetrafab**



EVA cases can be the best solution for many organizations looking to optimize the protection of their product once it enters the supply chain. Let's take a look at what sets apart the best custom EVA case manufacturer, the importance of material compliance, and our process for creating a custom EVA case.

BE ON THE LOOKOUT

The factors that matter most when choosing a custom EVA case manufacturer



Quality

A reputable custom case manufacturer should have the expertise to create cases that are tailored to your unique needs. To ensure your cases perfectly fit your requirements, they should offer a wide range of customization options, including molded interiors, case size and shape, hardware, and branding.

Ask about the manufacturer's quality control and testing processes. A commitment to quality should include regular inspections and rigorous testing to ensure that each case meets specified standards for durability, protection, and performance.

Experience

Look for a manufacturer with a proven track record and extensive experience in designing and producing custom cases. Experience often translates to a deeper understanding of various industries, case requirements, and the ability to deliver top-notch quality.

Lots of people can make EVA cases. When you work with a business that has a long history of operating across multiple industries, you can be assured that you'll be receiving a case that is custom-made to fit the requirements of your product.

Logistics

You'll want to find a company that can not only create your custom EVA case but also assist you with the logistics involved in the entire process. When working with manufacturers, especially on a global scale, you'll often find that materials and components come from various locations around the world. This complex network of supply chains can potentially lead to some major importation headaches and warehousing issues that you'd rather not have to deal with.

Customer Service

Pay attention to the manufacturer's communication and collaboration approach. A commitment to open and transparent communication is crucial for ensuring that your requirements are fully understood and met. If you've hired a company to make a case in the past, and you were never able to get hold of anyone, and you felt completely unheard, know that you don't need to feel that way.



Collaborating Closely with Your Custom EVA Manufacturer

When undertaking a project that involves the design, development, and production of custom EVA cases, working closely with manufacturers is of paramount importance. Here are several key reasons why this collaboration is essential:

Customization Precision

Manufacturers are experts in their field, and close collaboration allows you to communicate your specific requirements accurately. This ensures that the custom EVA cases are designed and produced to meet your exact needs. The ability to provide detailed input helps achieve precision in customization.

Quality Assurance

Manufacturers understand quality control processes and can integrate them into the design and production phases. Close collaboration ensures that the cases meet your standards and requirements for durability, protection, and performance.

Optimized Design

You can tap into their expertise to optimize the design of the custom cases. They can advise on factors such as material selection, case size, interior configuration, and other design elements to ensure the cases are both functional and cost-effective.

Prototyping and Testing

Collaboration enables the creation of prototypes to test and verification of case designs before full-scale production. This step can save time and resources by identifying any potential issues early in the process.

Efficient Problem-Solving

Challenges and unforeseen issues may arise during the project. Manufacturers can work collaboratively with you to solve these problems effectively and efficiently. Close communication allows for prompt adjustments and quick resolutions.

Custom Molded Interiors

Manufacturers can provide recommendations and expertise in designing custom interiors. Close collaboration ensures that the case interior provides optimal protection for your specific products, reducing the risk of damage during transportation.

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Efficiency and Cost-Effectiveness

Manufacturers can suggest ways to improve efficiency and reduce costs throughout the production process. You can benefit from their knowledge and experience to create cost-effective solutions.

Alignment with Your Supply Chain

Manufacturers can tailor their processes to align with your supply chain's unique needs. They can consider factors such as warehousing, transportation compatibility, and how the cases fit into your overall logistics strategy.

Communication and Transparency

Clear and open lines of communication ensures that both parties have a shared understanding of the project's objectives, requirements, and timeline. This transparency is critical for project success.

Long-Term Partnership

Establishing a long-term partnership is valuable because it ensures consistency and reliability in the supply of custom EVA cases, making it easier to adapt to changing supply chain needs.

Feedback Loop

Regular feedback and progress updates allow for adjustments and fine-tuning as needed. This ensures that the final product aligns with your expectations.

Satisfaction and Success

Ultimately, close collaboration with the manufacturer leads to greater satisfaction and success. It results in custom EVA cases that precisely meet your needs, improve operational efficiency, protect valuable assets, and contribute to the overall success of your supply chain.

Working closely with manufacturers is crucial for achieving the best results in your custom EVA case project. Their expertise, combined with your input and requirements, creates a synergy that results in well-designed, cost-effective, and customized cases that enhance your supply chain operations.

Collaboration Checklist

Use this checklist as a guide when working with a custom case manufacturer to ensure the success of your custom EVA case project

Define Your Objectives

- ☐ Clearly define your goals and objectives for the custom EVA case project.
- ☐ Identify specific problems you aim to solve or improvements you want to achieve.

Budget and Cost Analysis

- ☐ Establish a budget for the project and ensure it aligns with your financial resources.
- ☐ Work with the manufacturer to receive a detailed cost estimate.
- ☐ Consider the total cost of ownership, including case price, transportation, customs duty, and storage costs.

Customization Requirements

- ☐ Clearly specify the customization requirements for the cases, including size, shape, custom inserts, and branding.
- ☐ Discuss any special features or requirements unique to your products.

Materials and Durability

- ☐ Determine the type of materials and level of durability needed for your cases based on the items they will protect and the environmental conditions they will be exposed to.
- ☐ Consider any specific environmental factors, such as extreme temperatures, moisture, or chemical exposure that may affect case performance.

Environmental Legislative Requirements

- ☐ Determine if case will need to meet environmental legislative directives (will be sold in California or EU)
- ☐ Discuss the manufacturer's expertise in legislative requirements.

Manufacturing Lead Time

- ☐ Determine the lead time required for manufacturing the custom cases and ensure it aligns with your project schedule.

Quality Assurance/Control

- ☐ Discuss the manufacturer's quality control processes to ensure cases meet your specifications and standards.
- ☐ Ask about quality control performance, such as defects per million.

Prototyping

- ☐ Explore the possibility of creating prototypes to test and verify the design and functionality of the custom cases before full-scale production.

Custom Interior

- ☐ Specify the requirements for custom interior or inserts, including design, material, and fit.
- ☐ Ensure the interior protect your items from shock, vibration, and damage.

Branding and Personalization

- ☐ Discuss options for branding and personalization, such as logo placement, color options, and labeling.

Logistics and Transportation

- ☐ Address logistics concerns, including case stacking, transportability, and compatibility with your existing storage and transportation methods.
- ☐ Discuss if manufacturer assists with logistics and importing

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Volume and Scalability

- ☐ Plan for scalability if your supply chain needs change in the future. Discuss the manufacturer's ability to meet increasing demands.

Feedback and Communication

- ☐ Establish clear lines of communication with the manufacturer.
- ☐ Discuss how best to communicate any changes or issues that may emerge during the project.

Timelines and Milestones

- ☐ Create a project timeline with milestones to ensure progress and accountability.

Terms and Agreements

- ☐ Review all terms and agreements, including payment terms, delivery schedules, and warranty information.
- ☐ Ensure all parties have a clear understanding of the project scope.

Compliance and Standards

- ☐ Confirm that the custom cases meet any industry or safety standards relevant to your products.

Maintenance and Warranty

- ☐ Request detailed documentation on case specifications, care instructions, and warranty details.
- ☐ Consider training your team on proper case handling and maintenance.

Final Inspection

- ☐ Plan for a final inspection of the custom cases before they are delivered to ensure they meet your expectations.
- ☐ Make sure to inspect cases before end of warranty.

By using this checklist, you can effectively collaborate with your custom case manufacturer, ensuring that your custom EVA cases align with your supply chain needs and deliver the desired results.



Material compliance matters

Material compliance is of paramount importance for custom case manufacturers, as it protects the organization from punitive legal damages but also aligns with the growing global emphasis on environmental responsibility and health standards. Custom case manufacturers must prioritize the use of eco-friendly materials to reduce their ecological footprint and minimize environmental harm.

Adhering to regulatory standards like Prop 65, RoHS, REACH, PFAS, and TSCA not only enhances the trust and credibility of these manufacturers but also safeguards consumers from exposure to hazardous substances. At Tetrafab, our custom-made cases are created to match your product needs and government safety standards put in place.





So at Tetrafab, what's our process for creating a custom EVA case?

FIRST THINGS FIRST, LET'S TALK SPECIFICS

When you work with Tetrafab, you're getting over 37 years of industry experience. We want the process of building a custom EVA case to be a collaborative one, where we work together to actualize the design you see in your head. The first thing we want to do when discussing the creation of an EVA case for an organization is to make sure we cover 3 important aspects: **Purpose, Branding, and Compliance.**

As it relates to *purpose*, we simply want to talk through the functionality of your product and its eventual case. Our favorite projects are when we're able to design the case along with your development of the product. **You don't have to wait for your product to be developed, start designing your case now!** That way, we can make very specific choices that not only match your needs but also follow compliance and leave room for branding.

When it comes to *branding*, it's important to make sure that your case is very clearly YOUR case. This can be done with the use of colors and your logo to build a case that uniquely showcases the look and feel of your business.

Compliance is an important part of the process for many industries such as food service or medical equipment. Just as the products themselves have certain regulations that they need to follow, the same goes for the cases that protect them. Consider something like a heated catering bag for food delivery; if the case cannot get hot and maintain a particular temperature, then the product will not be delivered at the optimal temperature.



Then we'll talk design and materials

This is the stage where our experienced design team will make recommendations for what material, hardware, and colors should be used for your brand new custom case. We will then begin creating several concepts for our customer to choose from.

A major part of this design process is deciding on the right materials for the features included on your EVA case. While the body of the case itself is molded Ethylene Vinyl Acetate (EVA) foam there are myriad options for case interior and exterior materials. Closure and hardware options such as zippers, buckles, or d-rings are available in multiple materials, sizes and aesthetics! Materials play a large role in the design of your case. Whether you have a preference toward a certain look or functionality (for example a weight metric requirement), particular features can have a significant impact on your EVA case's ability to meet those goals.

At TetraFab, we believe that when it comes to getting a custom EVA case, quality is key. We prioritize the highest level on every project we fulfill. As proof, per 1 million products manufactured at Tetrafab, we find less than 500 defects. That means the percentage likelihood of you finding a quality issue in our custom cases is .0005 percent. This metric is unheard of in the custom case industry.

During the design process we'll also dig into material compliance to make sure that the case design is answering a few important questions:

- What's the end-use of the case?
- How often will it be used?
- Will the case need thermal management?

These questions will help us as we work together to craft a solution that meets all of your greatest needs.



We create your custom EVA case

Once we have the chosen design, materials, and hardware, we'll begin manufacturing your cases. The cases we design are manufactured in China, Vietnam, Cambodia, and at times in the United States. Where your cases are manufactured often comes down to shipping regulations, cost, and availability. With Tetrafab, we handle the entire importing process as well as offer warehousing solutions for those who may need it. This can save your custom case from major delays, importing costs, or even delivery failure.

The end product you'll receive works in quite a few ways to make your life easier:

- Significantly lighter than other cases on the market
- Material can be modified to fit your needs
- Price is frequently lower
- The case looks cleaner
- More opportunities for better logo options

We can't say these cases are indestructible, but let's just say it is extremely unlikely that your case won't outlast the product it carries.

Tetrafab is committed to constant communication and transparency. We know that your custom EVA case is extremely important and we treat it with the highest level of care.

ARE YOU READY TO GET STARTED?

Get in touch with us today, and let's start creating a custom EVA case that perfectly aligns with your needs and objectives.

CONTACT US NOW



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