

## Material Options for Rigid Box Inner Trays

Lucy Luo, Alagobox Packaging Solutions

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After reviewing the Alagobox box structure collection and selecting your rigid box structure, you can begin designing your inner tray or fitments.

Below are some of your options for inner trays and fitment materials, so you can decide which one will best support the character of your product and the function of your packaging.

### 1. Paper Board Inner Tray



Paper board inner trays are constructed from kraft paper board, available in various thicknesses, and usually brown, black or white in color.

These inner trays require folding by hand, and therefore incur higher labor costs to produce. To construct some shapes the board will require die cut holes to create folding lines.

### 2. EVA

EVA means Ethylene-vinyl acetate, and PEVA is the copolymer of ethylene and vinyl acetate. Vinyl acetate usually comprises 10 to 40% of the total product weight, with ethylene making up the remainder.

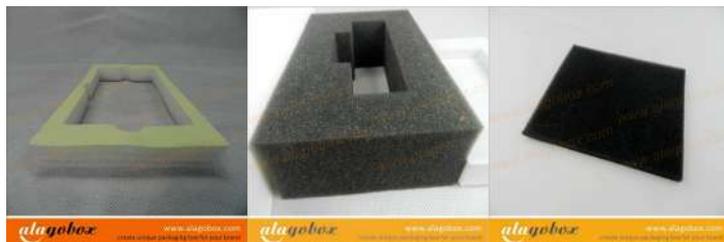


Typically inner trays and fitments of this material will be black or white in color. Other colors can be manufactured, but are subject to a minimum order quantity.

EVA can be used without any lamination on the top, but due to the color limitations of the material you can also elect to laminate colorful paper board onto the surface or use colorful flocking.

Die cutting this material will allow it to fit your product perfectly and therefore provide better protection inside your box. Because of this it will incur tooling costs.

### 3. Foam or Sponge



Foam is a substance formed when pockets of gas are trapped in a liquid or solid. The majority of foams use a large volume of gas and thin films of liquid or solid to separate the gas regions.

Solid foams are divided into closed-cell foams and open-cell foams. In a closed-cell foam, the gas forms discrete pockets, each completely surrounded by the solid material. These closed-cell foams are ideal for most rigid boxes.

Foam can be die cut through to fit your product shape, however it cannot be die cut only partially through. You can choose from different densities and thicknesses for foam, with higher densities recommended for the best protection of your product.

### 4. Vacuum tray



PET vacuum trays are built in multiple different shapes through a forming process, and will incur tooling costs. In order to be strong enough to support your product sufficiently, vacuum

trays must be made of a thick enough material to hold your chosen shape. For more complex designs this may necessitate a relatively thick tray.

Vacuum trays are produced in clear or white, with clear trays being more common. Colorful paper can also be laminated onto the surface of your tray in order to make your package look more enticing upon opening.

### 5. Colorful Corrugated board tray



Recently there has been a market trend toward constructing inner trays from colorful corrugated board. The exciting appearance of this material makes it perfect for

catching the eye of your end customer when they open the box, while simultaneously protecting the product it houses.

When producing inner trays from colorful corrugated board an extensive range of colors, special textures, and metallic powders are available for selection.

Add: 5th floor, B building,  
QiaoHongSheng Industrial Park,  
YinTian, XiXiang Street,  
Bao'an, Shenzhen,  
GuangDong, China

Zip: 518101  
Tel: +86 755 27824522  
Fax: +86 755 27824233  
Web:www.alagobox.com  
Mail: info@alagobox.com



## 6. Pulp Tray



Pulp trays are an eco-friendly solution produced by putting waste paper through a molding machine. For this reason they are becoming increasingly popular in European and American markets.

This material can be molded into almost any shape to fit your product, including most irregular shapes, which will help to better protect your product. It is also anti-shock, anti-static, and anti-corrosion which makes it suitable for a wide range of products.

Sampling and producing with this material will incur tooling costs.