

Material Properties required:

- Water tight
- Must be able to hold decals or printed on
- Must not contaminate product
- Must have minimal weight
- Must have minimal form factor
- Must have minimal cost (material and production)
- Must be recyclable and/or have low energy requirement of producing

Potential materials:

- Plastic shrink wrap

This material ~~has a str~~ is designed for food wrapping and storage, so it will not contaminate the product.

It is light weight and cheap to both acquire (at a price of \$0.03 /sqft) and form with the simple ~~applicat~~ application of heat, and is available in bag and tube forms to fit the product. It can be printed on directly to present information and attractive designs, although this may deform slightly in the packaging process.

~~Contrary to many~~ Shrink wrap is recyclable on a bulk level, although as a plastic product it is not fully renewable and has a high energy cost and carbon footprint of production

- Card board packaging.

Card board is a renewable material derived from trees. It is both recyclable and biodegradable. It can be printed on very cheaply or in colour for attractive designs.