

Tailored Flexible Packaging Structures Designed Specifically for your Products

Custom Engineered Laminates

While some flexible packaging manufacturers proffer a standard “menu” of flexible packaging materials, we engineer tailored flexible packaging structures designed specifically for your products.

We've dedicated in flexible packaging and our know-how in polymer chemistry and flexible packaging engineering permits us to devise finest, money-making flexible packaging materials. We work with a enormous variety of films, foils, papers, and coating when engineering customized flexible packaging laminations.



A flexible packaging structure classically consists of manifold layers of materials laminated together, with each layer executing a key task in your packaging's routine and appearance.

1. Exterior Layer

- Guards the ink
- Participates a role in burst strength & tear resistance
- Inserts to overall pouch strength

2. Tie Layer

- Presents another layer of shield for the barrier layer
- Links the outside layer to the barrier layer
- Conceals the color of the barrier layer

3. Barrier layer

- Offers chemical resistance
- Moisture, light, and oxygen transmission
- Guards the barrier layer

4. Tie Layer

- Links the barrier layer to the sealant layer film
- Gives protection for the barrier layer
- Keeps the barrier layer

5. Sealant Layer

- Permits the flexible packaging structure to be heat-sealable
- Grants burst strength
- Seals the product within

Based on your requests (including regulatory, cost, and aesthetic requirements), packaging equipment, Product formulation, projected life cycle, and distribution methods, we can custom-engineer and recommend Optimal flexible packaging structures for each of your products.

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