

In-mould foil charger (Static charger)

We offer superior quality static chargers that can be used to stick PP / BOPP / polystyrene foil material to the inner mold surface during injection molding. This makes the foil constant in a position in the mold due to charging.

Decorate your injection molded product to look more charming multi color foil on plastic items like thermo ware products, casseroles, tiffin, water jug, tray, glass, coasters, mug, lunch box, compass box, water bag, bucket, tumbler, ice pail, and many other household, advertising and gift items which can be injection molded.

Information :

In-mold decorating is a process for labeling or decorating a plastic object during the plastic injection molding process. In the in-mold labeling process, a label or applique is placed in the open mold and held in the desired position by vacuum ports, electrostatic attraction or other appropriate means. The mold closes and molten plastic resin is extruded or injected into the mold where it conforms to the shape of the object. The hot plastic envelopes the label, making it an integral part of the molded object. The difference between glue applied labels and in-mold labels is that a glue applied label is stuck "on" the surface of the plastic object, the in-mold label is embedded "in" the wall of object.

Because an in-mold label or decoration is embedded in the wall of the product through plastic molding injection, it is very durable and nearly impossible to remove from the object. For injection molded tubes, all four sides and the bottom can be decorated with a single label during the molding process, something that pressure sensitive labels cannot do.

Finally, all post-mold labeling operations, equipment and costs are eliminated because the in-mold labeled product is ejected from the mold fully labeled and completely decorated.

Salient Features :

- Flexibility of operation.
- Hermetically sealed and potted components are not effected by humid weather.
- High grade insulating materials are used to provide safety to operators.



Static Charger - Power Unit



Static Charger - Handle



Eltech Engineers

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Manufacturers of : Induction Cap Sealing Machine , Corona Treater, Static Eliminator, Static Charger and Ozone Generator