

Technical Data Sheet

PG Series

Product Description

The PG Series foils are clean cutting, tape resistant metallic series developed for peripheral or vertical stamping. Primarily used for plastic decoration on cosmetic packaging, cosmetic containers, tipping, license plates, housewares, etc., these foils feature an easy release from the carrier and have excellent abrasion, alcohol and chemical resistance.

PG Series foils contain no heavy metals and are in compliance with the various "Heavy Metals in Packaging" state legislations. Foils can be applied inline, onto extruded plastic parts and moldings and are specially formulated for vertical stamping, and fine line decoration.

Substrates

Olefins
HDPE
LDPE
PVC
Polypropylene
Styrenics

Physical Properties

Carrier: 48 gauge (12 microns) polyester
Application area: Fine, medium and broad coverage

Recommended Stamping Conditions

| | Metal Die | Rubber Die |
|-------------------|------------------------------|------------------------------|
| Temperature Range | 275° - 350° F / 135° - 170°C | 375° - 400° F / 190° - 205°C |
| Dwell | 0.3 to 0.8 Seconds | 0.5 to 1.0 Seconds |

Standard PG Series Foils

| Product# | Color | Substrate |
|--------------|--------|--|
| PG105-19Q-24 | Silver | Polyolefins, HDPE, LDPE, Styrenes, ABS |
| PG750-20-57 | Gold | Polyolefins, HDPE, LDPE, Styrenes, ABS |

| Features | Advantage | Benefits |
|-----------------------------|---|--|
| Abrasion and Mar Resistance | Resistant to scratching and rubbing that could dull the finish. | Longer product life and customer satisfaction. |
| Outstanding Workability | Applies easily to plastic substrates. The foil will over stamp itself and most other foils. Clean, sharp, flake-free decoration that passes the most rigorous tape tests. | Improves productivity. No need for post-production clean up. |
| Chemical Resistance | Resists attack by many consumer chemicals such as alcohol, perfume, shampoo, hand lotion, etc. | Product durability which leads to consumer satisfaction. |

NOTE: Instructions given herein are approximate and adjustment may be required in adapting materials for use in any specific application. The data presented is a result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made.