



Technical Data Sheet

PG Series

Product Description

The PG Series foils is a 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
PG212-19K-25	Gold	HDPE, Polyolefins, PS, ABS, PVC
PG325-20-57	Matte Gold	HDPE, Polyolefins, PS, ABS, PVC

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 overstamp 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.