

Technical Data Sheet

PP Series

Product Description

The PP Series foils are a high gloss series developed for metal and rubber die marking that is primarily used for plastic decoration on containers, crates, buckets, housewares, etc. These foils feature an easy release from the carrier and have excellent abrasion and chemical resistance making this series a good choice for a wide number of applications. PP Series foils can be applied inline, onto extruded plastic parts and moldings and are specially formulated for vertical stamping, and fine line decoration.

Substrates

ABS
 HDPE
 LDPE
 Polypropylene
 Polystyrene

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° - 375° F / 135° - 190°C	325° - 425° F / 160° - 220°C
Dwell	0.3 to 0.8 Seconds	0.5 to 1.0 Seconds

Standard A Series Foils

PP19000	BLACK
PP14525	RED

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.