

Technical Data Sheet

KF Series – Metallic Foils

Product Description

The KF Series are metallic foils that are formulated for stamping most plastics as well as painted surfaces. It is designed for vertical stamping with metal dies, but will also work with silicon rubber dies on peripheral and vertical presses. The KF Series metallized foils are formulated for hot stamping cases, tubes, compacts and many other applications which require a durable and attractive metallized finish. These foils are suitable for medium coverage as well as fine details.

Substrates

KF Series – Metallic Foils	
PP	Polypropylene
PE	Polyethylene
PVC	Rigid Vinyl
PS, ABS, San	Styrenes

Physical Properties

- Carrier: 12 micron (48 gauge) PET
- Application area: From medium coverage to very fine details

Recommended Stamping Conditions

Condition	Peripheral/ Roll-On Press		Vertical Press
Type of Die	Metal	Silicone Rubber	Metal
Temperature Range	285 – 350°F / 140 – 175°C	320 – 390°F / 160 – 200°C	265 – 350°F / 130 – 175°C
Dwell			0.5 – 1.5 Seconds
Pressure			1 – 5 Bar

Storage conditions on separate demand

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Colours

Colours on demand

6010KF Silver	6210KF Silver Matte	6055KF Red
6014KF Gold	6075KF Blue	6223KF Gold Matte

For other colours please contact our Customer Service Team

Features	Advantages	Benefits
Chemical Resistance	Outstanding resistance against attack by cosmetic products such as alcohol, perfume, shampoo, lotion, etc.	Excellent product durability which leads to customer satisfaction.
Heat Resistance	Finish stays mirror bright, eliminates iridescence	Longer product life and customer satisfaction.
Abrasion and Mar Resistance	Resistance to scratching and rubbing that could dull the finish.	Brilliant colours that enhance the customer's package.
Outstanding Workability	Applies easily to most thermoplastics and coated substrates. Clean, sharp, flake free decoration that passes the most rigorous tape tests.	Improves productivity. No need of post-production clean up.

Testing the foils on original substrate is strongly recommended

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. Date 06/2020