

**Technical Data Sheet**

**Special Type 788604 – Metallic Foil for cosmetic applications**

**Product Description**

Our special type 788604 is especially formulated for stamping Polyolefins. Moreover the 788604 type offers an excellent chemical resistance.

**Applications**

788604 type metallized foil is formulated for hot stamping mascara tubes, caps, compacts and many other applications which require a durable and attractive metallized finish.

**Recommended stamping process**

Designed for peripheral and vertical stamping with silicone rubber dies but will also work with metal dies on peripheral presses, using either a vertical or roll on press.

**Substrates**

Special Type 788604 – Metallic Foil	
PP	Polypropylene
PE	Polyethylene
PVC	Rigid Vinyl
PET	Polyester

**Physical Properties**

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

**Recommended Stamping Conditions**

Condition	Peripheral/ Roll- On Press	Vertical Press
Type of Die 1)	Silicone Rubber	Silicone Rubber
Temperature Range	160 – 200°C / 320 – 390°F	150 – 190°C / 300 – 375°F
Type of Die 2)	Metall	
Temperature Range	140 – 180°C / 285 – 360°F	
Dwell time		0.5 – 1.5 Seconds
Pressure		2 – 5 Bar

Storage conditions on seperate demand

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**Colour**

788604 Silver

For different colours please contact our customer service team

<b>Features</b>	<b>Advantages</b>	<b>Benefits</b>
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 colors that sells the customer's package.
Outstanding Workability	Very universal in use. Clean, sharp, flake free decoration that passes the most rigorous tape tests.	Decreases customers inventory. Improves productivity. No need for 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 06/20.

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