

LUXOR®/ALUFIN® KLX

for plastic cosmetic parts

Universal foil grade with outstanding physical and chemical resistance, and suitable for plastic cosmetic parts made from HDPE, LDPE, PP, ABS, SAN, PS or PVC.

Main Characteristics

- very good heat resistance
- very high gloss
- easy release
- fine definition
- excellent adhesion to all plastic materials
- processable with silicon or metal dies
- very good durability

Fields of Application

- Mascaras,
- lipstick covers,
- bottles,
- powder compacts,
- caps

Suitable Plastics

- HDPE,
- LDPE,
- PP,
- ABS,
- SAN,
- PS,
- PVC

Stamping Temperatures/Stamping Tools Metal die:

- 140 - 160 °C (284 - 320 °F) on up-and down stamping
- 160 - 190 °C (320 - 374 °F) on peripheral roll-on

Silicon die:

- 170 - 220 °C (338 - 428 °F) on up-and down stamping
- 170 - 220 °C (338 - 428 °F) on peripheral roll-on



LUXOR®/ALUFIN® SH

Standard quality for high production speeds, e. g. for peripheral roll-on stamping with a silicon die on plastic cosmetics parts or other molded parts.

Main Characteristics

- easily detachable and effortless printing
- high production speed
- suitable for over stamping
- main field of application: peripheral roll-on stamping of round and unround parts with silicon rubber

stamping dies

- also suitable for up-and-down stamping by silicon rubber or metal stamping die
- medium physical/chemical resistance; for increased requirements please refer to SHC 90

Fields of Application

- Lipstick covers,
- cosmetic pencils,
- pencils and
- other plastic parts

Suitable Plastics

PS, PVC, ABS, SAN

Stamping Temperatures/Stamping Tools

Metal die:

- 130 - 150 °C (266 - 302 °F) on up-and down stamping
- 150 - 170 °C (302 - 338 °F) on peripheral roll-on

Silicon die:

- 150 - 170 °C (302 - 338 °F) on up-and down stamping
- 160 - 180 °C (320 - 356 °F) on peripheral roll-on



ALUFIN Special



ALUFIN mat



LUXOR 220



LUXOR 428

LUXOR®/ALUFIN® SHC 90

Standard quality for cosmetic parts made from PS, PVC, ABS and SAN with very high physical and chemical resistance.

Main Characteristics

- excellent suitability for peripheral roll-on stamping with silicon rubber stamping dies
- fine definition
- high stamping speed
- high gloss
- very suitable for over-stamping
- very high resistance to alcohol and chemical content
- high heat resistance
- good abrasion and scratch resistance

Fields of Application

- Cosmetic plastic parts such as cream containers,
- lipstick tubes,
- mascara bottles and
- caps

Suitable Plastics

PS, ABS, SAN, PVC

Stamping Temperatures/Stamping Tools

Metal die:

- 130 - 150 °C (266 - 302 °F) on up-and down stamping
- 160 - 180 °C (320 - 356 °F) on peripheral roll-on

Silicon die:

- 160 - 190 °C (320 - 374 °F) on up-and down stamping
- 170 - 190 °C (338 - 374 °F) on peripheral roll-on



LUXOR®/ALUFIN® PPSX

Standard quality for polypropylene in combination with silicon rubber die.

Main Characteristics

- for fine line designs
- high stamping speed
- good tape test resistance
- very high gloss
- good results in over stamping
- high temperature resistance
- very good resistance to perfumes and chemical content
- very good abrasion and scratch resistance

Fields of Application

- Cosmetic parts such as mascara bottles,
- caps and
- containers made from PP

Suitable Plastics

PP

Stamping Temperatures/Stamping Tools

Silicon rubber die:

- 140 - 180 °C (284 - 356 °F) on up-and down stamping
- 160 - 190 °C (320 - 374 °F) on peripheral roll-on



ALUFIN Special



ALUFIN Mat



LUXOR 220

LUXOR®/ALUFIN® SFX

Standard quality for almost all commonly used plastic materials in the cosmetics industry. Very good physical and chemical properties.

Main Characteristics

- both suitable for silicon rubber and metal dies
- fine line designs
- easy release
- very high gloss
- very high heat resistance
- very high resistance to alcohol and chemical content
- excellent abrasion and scratch resistance
- not overstampable
- excellent adhesion to polyethylene

Fields of Application

- PE bottles,
- powder compacts,
- caps etc.

Suitable Plastics

HDPE, LDPE as well as on PS, PVC, ABS, SAN, PETG and PP (with metal die)

Stamping Temperatures/Stamping Tools

Metal die:

- 140 - 160 °C (284 - 320 °F) on up-and down stamping
- 160 - 190 °C (320 - 374 °F) on peripheral roll-on

Silicon rubber die:

- 150 - 180 °C (302 - 356 °F) on up-and down stamping
- 160 - 190 °C (320 - 374 °F) on peripheral roll-on

