

Technical Specification: ID-Card

Secure and durable Polycarbonate ID-Card



Format

Size 85.5 mm x 54 mm
 Conforms to ICAO specifications
 Nominal thickness: 0.760 mm

Printing

security offset-litho printing
 two colour line structures. One colour of the line structures is fluorescent under ultraviolet light.
 printing of the text in special inks
 invisible inks fluorescent under ultraviolet/ infrared light.
 design element printed in optical variable inks (OVI).
 additional security elements: positive and negative guilloches, micro texts, raster, latent image against attempts of forgery.
 the highest security level features, including security features to be recognized by special equipment and known only to the client.

Laminate

transparent optically variable device
 kinegramic layer covering the whole surface.

Numbering

by laser engraving, upon specification of the client.

Options for high level security

rainbow printing
laserengravable Changeable Laser Image (CLI)
positive negative embossing
invisible scrambled graphical element, which can be detected by a special lens under UV light.
integration of special modules:
+ micro processor chip
+ cryptographic chip

Durability

Tested and conformant to high requirements.

Warranty

Warranty for printing and visual personalization: 10 years