

INTEGRATED PLASTIC TECHNOLOGIES

INPLASTEC.CH





ABOUT COMPANY

INPLASTEC PROVIDES INTEGRATED SOLUTIONS TO PLASTIC CARDS MANUFACTURERS, SUPPLYING A VAST RANGE OF CONSUMABLE STANDARD AND VALUE ADDED PRINTING AND LAMINATING PRODUCTS, OFFERED IN COMBINATION WITH A SUPERIOR TECHNOLOGICAL SERVICE.

ABOUT COMPANY



- WE FOCUS ON THE SUPPLYING SHEET POLYMER MATERIALS FOR PRINTING AND LAMINATING PROCESSES, OFFERING CUSTOMIZED SOLUTIONS FOR OFFSET, SCREEN, DIGITAL, AND OTHER PRINTING TECHNOLOGIES
- PROVIDING A WIDE RANGE OF VARIOUS PRINTING AND LAMINATING PRODUCTS, INPLASTEC OFFERS HIGH-QUALITY PC, PVC, PET-G PLASTIC MATERIALS FOR SEVERAL AREAS OF APPLICATION, SUCH AS PLASTIC CARD PRODUCTION, PVC PRINTING, OFFSET AND SCREEN PRINTING INKS AND LAMINATION MATERIALS
- INPLASTEC OFFERS SERVICES BASED ON OWN FACILITIES LOCATED IN SWITZERLAND, GERMANY, LATVIA, RUSSIA, MIDDLE EAST, CHINA. UNIFIED CUSTOMER SERVICE IS PROVIDED BY OUR TECHNICAL EXPERTS AROUND THE GLOBE WITHIN SHORTEST PERIOD

THINK GLOBAL - ACT LOCAL

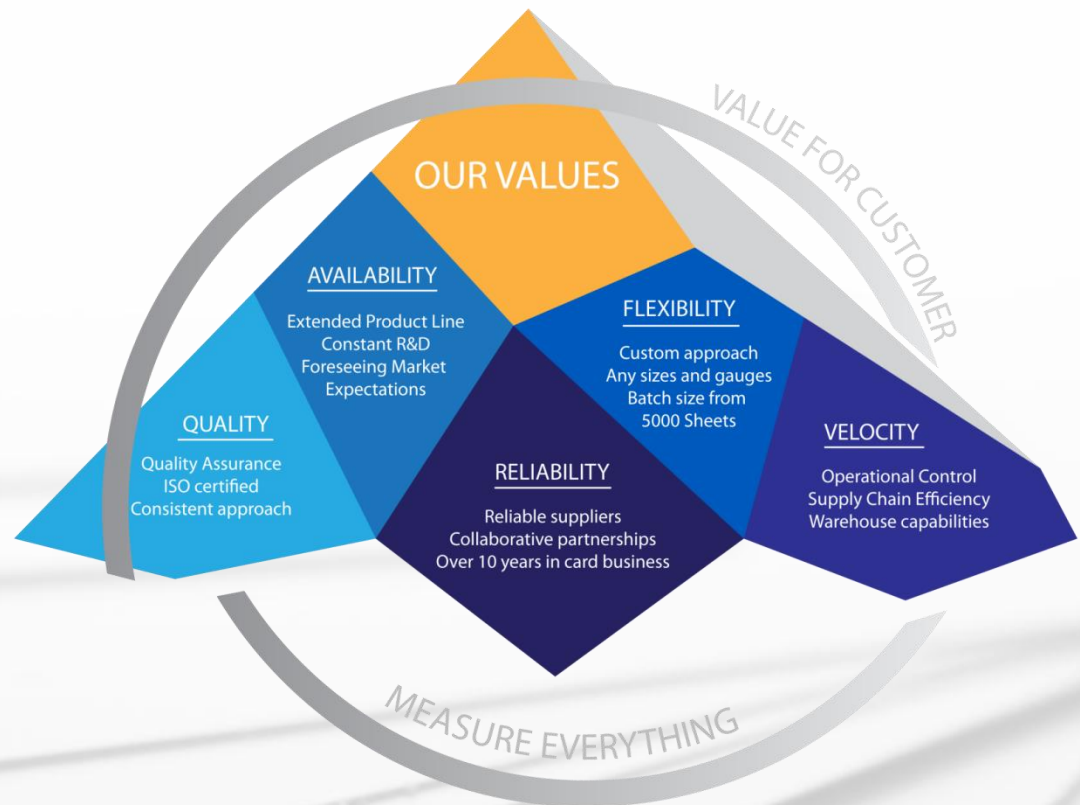
WHY INPLASTEC

SUPPORT OF LONG-TERM AND MUTUALLY BENEFICIAL PARTNERSHIPS WITH CUSTOMERS AND PROVIDING HIGH QUALITY PRODUCTS ARE THE MAIN PRIORITIES OF OUR WORK.

THE DESIRE TO STRICTLY COMPLY WITH THESE PARAMETERS ENCOURAGES US TO CONSTANTLY EVALUATE THE RANGE AND QUALITY OF THE OFFERED MATERIALS, TRACK THE LATEST MARKET TRENDS AND THE NEEDS OF OUR CUSTOMERS.

ONGOING AND NEVER-ENDING RESEARCH AND DEVELOPMENT IS OUR FUNDAMENTAL PRINCIPLE

MEASURING IS KNOWLEDGE



PRODUCT APPLICATIONS



INPLASTEC PRODUCTS ARE INTENDED FOR A WIDE RANGE OF APPLICATIONS, INCLUDING

- Secured ID/ Government/ Health cards
- Financial/ Payment cards
- Gift/ Loyalty/ Discount / Retail/ Membership cards Transportation cards
- Access/ Security cards
- SIM / GSM cards
- Blank cards
- Plastic print medium

ABOUT COMPANY



MATERIAL SUPPLIER

PVC, PET-G CORE FILMS

PVC, PET-G OVERLAY FILMS

PC FILMS

INKS & VARNISHES

MATERIAL SUPPLY CAPABILITIES



INPLASTEC OFFERS HIGH-QUALITY STANDARD PLASTIC MATERIALS IN SHEETS AND ROLLS, NUMEROUS SCREEN AND OFFSET INKS & VARNISHES, AND OTHER PRINTING PRODUCTS

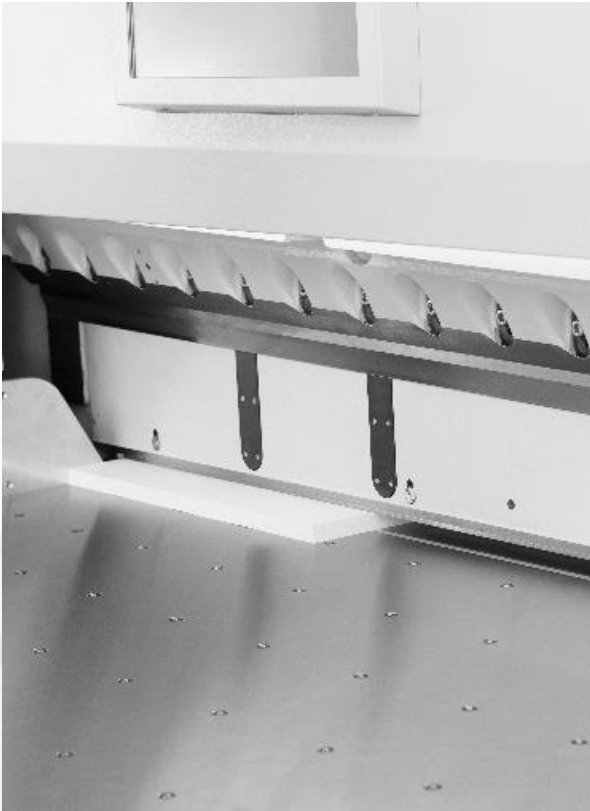
- Incoming quality control is maintained by professional QA team with the high-end laboratory equipment
- Because of the flexibility of production capabilities, different sheet sizes and gauges are available in short notice
- Our warehouse capabilities and fine-tuned supply network allow us to deliver faster and plan ahead further interaction
- ISO certified quality management system ensures consistent dedication to quality of our products and services

DEDICATION TO QUALITY

ISO 9001:2008 conformity



STANDARD PVC, PET-G FILMS



HIGH QUALITY VERICARD CORE AND OVERLAY FILMS IN WIDE VARIETY OF GAUGES IN CUSTOM SIZES FOR PRODUCTION OF ALL TYPES OF PLASTIC CARDS ARE AVAILABLE IN WIDE RANGE

- White, transparent, and opaque colored PVC core films
- PVC Films with High Vicat for banking and smart-card production
- Low Vicat PVC films as inner core for banking and transport card production
- PET-G core and overlay films for variety of applications
- High quality VERICARD PVC overlay films in wide variety of gauges in sheets and rolls

STANDARD PC FILMS



SPECIAL PERFORMANCE INPLAFILM POLYCARBONATE CORE AND OVERLAY FILMS WITH UNIQUE CHARACTERISTICS

- INPLAFILM PC white core films with matte, velvet surface for production of security-sensitive ID/ Government/ Health cards in various sizes and gauges suitable for offset and screen printing
- INPLAFILM PC overlay films for production of long durability ID and Financial cards in various sizes and gauges, supplied in sheets and rolls

INKS AND VARNISHES



OFFSET PRINTING

- INPLASTEC provides wide spectrum of process and pantone UV-cured inks for wet and waterless offset printing for plastic cards production
- Offset inks offered by INPLASTEC show great printing characteristics and guarantee high quality prints with excellent bond strength between core, overlay, and ink layers
- Wide selection variety, including high intensive, and fade resistant options.

INKS AND VARNISHES



SCREEN PRINTING

- Solvent based and UV-cured laminating inks for production of digital, offset, or screen printed plastic cards
- Solvent based adhesive varnishes
- Special effect and security inks and varnishes, such as signature panel, barcode, OVI/ OSI, interference, UV-sensitive.

CONVERTING PARTNER

PVC CORE FILMS FOR BANKING & LOYALTY SOLUTIONS

PVC OVERLAY FILM SOLUTIONS

PC FILMS FOR ID SOLUTIONS

MANUFACTURING CAPABILITIES

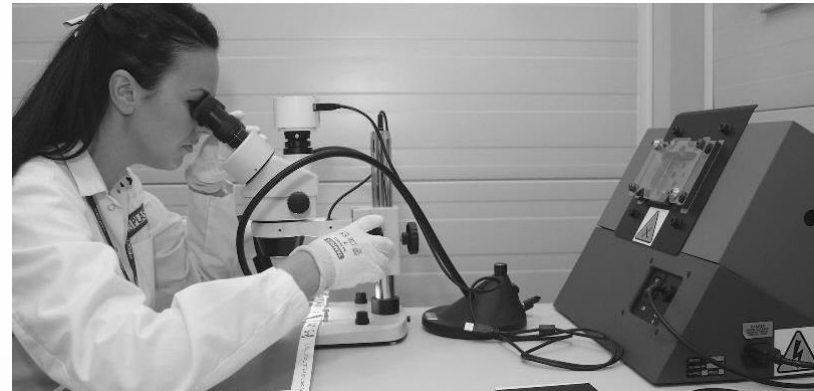


INLASTEC SPECIALIZES ON TREATMENT OF POLYMER FILMS IN SHEETS AND ROLLS, PRESENTING THE WIDE SPECTRUM OF VALUE-ADDED PRODUCTS FIT FOR PURPOSE

- High-end technology yields extraordinary manufacturing capabilities
- Our modern equipment allows us to achieve flexibility and efficiency on a high level at the INPLASTEC manufacturing facility
- Industrial standards are ensured for all the products, as well as operational procedures, with latest the latest Quality Assurance approaches supported by EPICOR ERP system
- The value-added materials produced at our production facility are developed in collaboration with our partners with the aim of cost and time optimization for our clients

RESEARCH AND DEVELOPMENT

ONGOING AND NEVER-ENDING
RESEARCH AND DEVELOPMENT
ACTIVITY IS THE BASIC MOTTO OF
OUR BUSINESS



- In our R&D center we develop and bring to market specialized products and sets of materials for specific applications, aimed to optimize printing and lamination steps of the manufacturing process, while ensuring the excellent quality of the final product
- Expertise and experience of our team members and partnering organizations combine in perfect blend to develop and successfully utilize integrated solutions for the new market demands

QUALITY OF PRODUCTION

ISO 9001:2008 conformity

MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
186510-2015-AQ-LVA-FINAS

Initial certification date:
September 21, 2015

Valid:
September 21, 2015 – September 21, 2018

This is to certify that the management system of

Inplastec Technology SIA

14a Uriekstes street, Rīga, LV-1005, Latvia

has been found to conform to the Quality Management System standard:

ISO 9001:2008

This certificate is valid for the following scope:

**Production and processing of sheet and roll materials for printing companies
and manufacturers of finished products based on polymers.**

OPERATIONAL EXCELLENCE

CUSTOMIZED APPROACH AND OPERATIONAL EFFICIENCY

- EPICOR ERP System in place
- ISO 9001:2008 certified quality management system
- Work safety is ensured
- 24/7 video surveillance in production area
- Restricted and secured territory



BANKING & LOYALTY SOLUTIONS



A NUMBER OF VALUE-ADDED PRODUCTS HAVE BEEN DEVELOPED TO OPTIMIZE THE PRODUCTION OF BANKING AND LOYALTY CARDS

- **VERICARD DIGITAL** core films for production of financial, payment, loyalty, gift, transportation plastic cards using digital printing technologies
- **VERICARD GOLD/SILVER** core films for production of all types of plastic cards with Silver/ Gold/ etc. metalized surface
- **VERICARD IRB** core films for production of transparent banking, contactless, and dual interface smart cards
- **VERICARD MAG** core films with applied magnetic stripe of various coercitivity for lower cost production of plastic cards

VERICARD MAG FILMS



VERICARD MAG CORE AND OVERLAY FILMS WITH APPLIED MAGNETIC STRIPE OF VARIOUS COERCIVITY

- VERICARD CORE MAG - optimal solution for lower cost production of loyalty and discount cards without applying overlay film. The set of materials for the solution includes core rigid PVC film with magnetic stripes for reverse side of plastic cards and SURFACEPRINT MACHINE LAMINABLE inks
- VERICARD OVERLAY MAG - is an effective solution for production of plastic cards with magnetic stripe. It performs an overlay film with applied magnetic stripe of various coercivity

VERICARD DIGITAL FILMS



VERICARD DIGITAL CORE AND OVERLAY FILMS for plastic cards production using digital printing technology

- The set of VERICARD DIGITAL core and overlay films for digital printing is providing distinct image quality comparable with offset printing quality, fine adhesion properties, high sharpness and saturation of printed image
- Due to precision cutting capabilities, any of core sheet corners can be used as a right corner, minimizing alignment defects during printing stage
- Cards, made with the set of VERICARD DIGITAL materials, are characterized by low degree of distortion with temperature and humidity exposure, and have high resistance to mechanical effects
- Additionally all VERICARD DIGITAL core films can be pre-printed with Silver/ Gold/ etc. metallized and pearlescent inks

VERICARD IRB CORE FILMS



VERICARD IRB CORE FILMS WITH IR-BLOCKING EFFECT

- VERICARD IRB is coated transparent rigid PVC core film with IR-blocking surface in 860-950 nm wavelength range
- The product is fit for production of transparent banking, contactless, and dual interface smart cards
- VERICARD IRB performs high optical transmission in visible-light spectrum, and guaranties high transparency of the card
- Transparent card produced with VERICARD IRB film is ready for ATM use and other reading devices
- Long term processability period guaranteed up to 2 years

VERICARD GOLD/SILVER CORE FILMS



VERICARD GOLD/SILVER CORE FILMS WITH METALLIC AND PEARLESCENT EFFECTS

- Optimal solution for manufacturing of plastic cards with metallized surface ready for screen, offset, and digital overprint before lamination
- Custom printing design and superb quality compile the best conditions for production of all types of metallized plastic cards
- PVC core films of different sizes and gauges screen printed with Silver/ Gold/ etc. metallic and pearlescent inks are ready for further processing

PVC OVERLAY FILMS SOLUTIONS



VERICARD COATED PVC OVERLAY FILMS

- Overlay films with improved adhesive characteristics for production of all types of plastic cards in custom gauges, sizes, supplied in sheets and rolls
- Suitable as overlay film for laminated cards like bank cards, smart cards, ID- and IC-cards
- Best lamination properties and high resistance to abrasion
- Suitable for applying Low and High coercitivity magnetic stripe;
- Printable with screen printing. Best results are achieved with PVC printing inks
- Problem-free punching, embossing, welding, sealing, thermoforming, coating, bonding and laminating
- Neutral to water and resistant against chemicals

VERICARD LASER ENGRAVABLE PVC OVERLAY FILMS

- For production of banking, loyalty, transportation, access, and other types of personalized plastic cards in custom sizes, and gauges, supplied in sheets and rolls

PC FILMS SOLUTIONS



SPECIAL INPLAFILM PC FILMS DESIGNED IN
ACCORDANCE WITH MODERN SAFETY REQUIREMENTS
FOR ID CARDS AND SECURITY DOCUMENTS

- INPLAFILM PC WHITE CORE FILMS for production of security-sensitive IDs
- INPLAFILM PC HS, SHS OVERLAY FILMS for production of high-endurance secured ID/ Government/ Health cards with anti-scratch coating
- INPLAFILM LASER ENGRAVABLE OVERLAY FILMS for production of ID/ Government/ Health cards, and other types of personalized secured plastic card
- INPLAFILM SG PC OVERLAY FILMS with super gloss surface ready for hologram, and foil stamping

SOLUTION PROVIDER

TECHNOLOGICAL SUPPORT
TECHNOLOGICAL CONSULTING



TECHNOLOGICAL SUPPORT



WE PROVIDE EXPERIENCED TECHNOLOGICAL SUPPORT WITH LAB SERVICE, WHICH IS AVAILABLE AT ALL STAGES OF CUSTOMER INTERACTION

- State of the art laboratory service ensures quality properties, and ISO standards for all the supplied materials
- INPLASTEC technological center is ready to provide full information and technological support for our partners and customers. Our experts will help in the selection of materials individually for each project and give recommendations on the best parameters
- The complex of the newest laboratory and technological equipment allows us to solve a wide range of tasks for the development of new materials, formulations for color, incoming inspection of materials and configuration processes

TECHNOLOGICAL SERVICES



THE COMPLEX OF MODERN LABORATORY AND TECHNOLOGICAL EQUIPMENT ALLOWS US TO SUCCESSFULLY CARRY OUT THE WORK ON SELECTION OF COLORS, MATERIALS TESTING AND MONITORING THEIR TECHNICAL PERFORMANCE

- Conformity of film and painting materials requirements of the technical specifications and standards of ISO
- Research and development of new technological materials
- Development of mixed colors, according to catalogs and samples of customers
- Technological consulting services



CONTACT US

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