



REINFORCING
FUNCTIONALITES

HELIOTEXTIL & MANIA4

Merging Products with Technologies to Reinforce Functionalities.

HELIOTEXTIL is an industrial Portuguese company founded in 1964 that materializes concepts and solutions through accessories to reinforce performance and end products functionalities.

Operating on several sectors, namely on the textile domain, on recent years has developed its own solutions, combining products Research and Development with platforms and software.

Products with digital functionalities (customization, efficient processes, connectivity and e-commerce), following recognized certifications with environmental responsibility, are aligned with nowadays industry 4.0 and a response to create value with solutions more adapted to market needs.

Mania4- Business & Technology, Lda is a group company that empowers HELIOTEXTIL's technological strategy.



ABOUT E-PRINT TECHNOLOGY

E-print® technology consists on printing electronic circuits using high-end Heat-Transfers technology.

All developments use mainly in house capabilities being an important factor for custom made solutions.

Introducing conductivity on technical heat-transfers, managing all the engineering not only on raw-materials, printing technology but also electronics, software and hardware to achieve innovative applications.

TECHNOLOGICAL APPLICATIONS

- Active Heating System
- Conductive lines
- Touch keyboards
- Capacitive sensors for different purposes (temperature, humidity, heartbeats & others)
- Antennas
- Inductors
- Monitoring & Alarms

RECOGNITIONS

ACTIVE HEATING SYSTEM

User manages system with smartphone. System verified under european standards by **iep**



I-TOUCH GLOVE

Capacitive heat transfer to operate on tactile screens.



TEMPERATURE SENSITIVE FABRIC

Color changing fabric for fashion use.



SMART POCKET

Functional pocket with keyboard and active lighting.





FUNCTIONAL ACCESSORIES

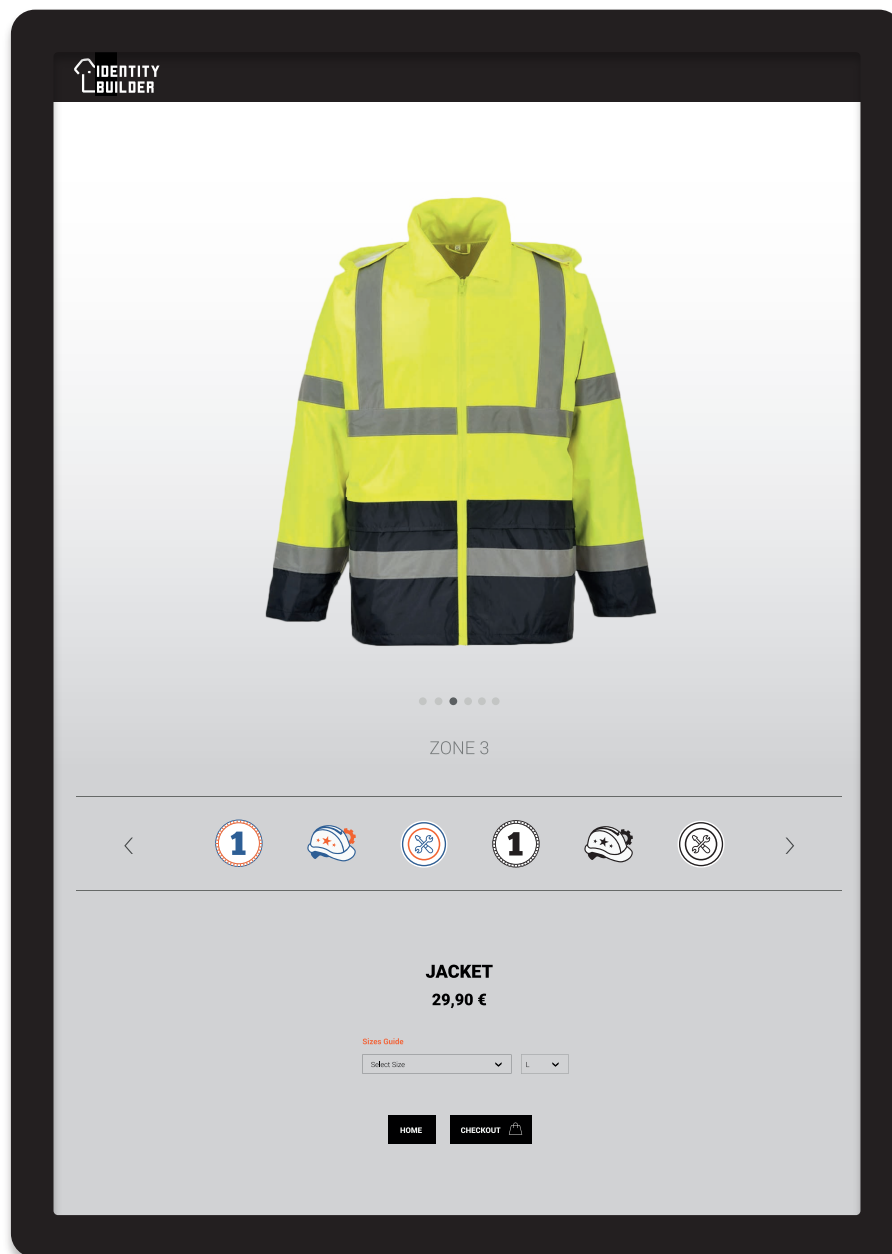
To perform, connect and dematerialize.

Using state-of-the-art accessories with multi functionalities like asset management, sensors, access control, brand protection, products life cycle, image interaction, etc.



TOOL TO CUSTOMIZE

Decorating products by uploading or using catalogues and repositories to promote actively custom made projects and e-commerce strategies.



IT'S BEYOND PRINTING

Examples of unique products on heat transfers.


VRF
**FIRE
RETARDANT**

VR
**VERY
RESISTANT**

REF
**REFLECTIVE
HIGH VISIBILITY**

CP
**COATED
PRODUCTS**

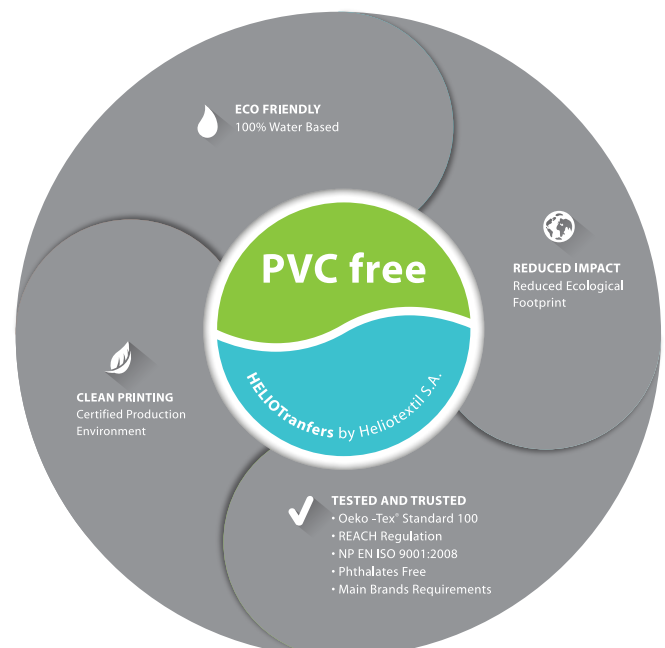
PLUS
**POLYPROPYLENE
SUPPORTS**

SS
**SUPER
STRETCH**

PRINT WITH CARE

Our products are PVC Free based not only on the selection and development of "clean" raw materials as well on the highly controlled environment conditions within production facilities, guaranteeing no possible contaminations from outside sources.

These detailed approach demonstrates our exiguency to eliminate any potential risk of our products to contain PVC.



WORLD CLASS SOLUTION

Achieve high item-level data accuracy and empower your item-level control.

Seamless but powerfull IoT Saas Solutions for your business.

CONTROL YOUR ASSETS LIFECYCLE



OUR TECHNOLOGY



RFID



RFID Reader +
Mobile Device



User-friendly
Backoffice and
Dashboard

HOW IT WORKS



Items Upload

Product + File.



Association

Associate RFID tag with
serial number to real item
and place RFID on the item.



Inventory

Cycle count:
item on which location.



Data Analysis

Analyze your data to make
decisions.

THE PURPOSE

Every single inventory item uniquely identified.

Data accuracy to improve your process.

We focus on efficient and affordable technologies making it easy for you.



MANIA4®
BUSINESS & TECHNOLOGY

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