WEARPLEX Gamma Workshop: E-textile device manufacturing

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Introduction

» Medical electrodes

- Bio-impedance
- ECG
- EMG and TENS
- EEG
- Custom sensors
Introduction

» Flat bed screen printing
» Heat and UV-curing
» Lamination (cold and heat)
» Mechanical cutting
» Laser cutting
» Dispensing
» Mechanical parts
» Assembly
» Cleanroom

Sheet and R2R processes
Sheet and R2R processes
Sheet and R2R processes
Sheet and R2R processes
Sheet and R2R processes
Manual and automated sheet processes
3D Printing
Electrical components, mechanical parts, connectors, final product assembly, testing
ISO 7
Textile printing
R2R textile printing
The camera system

Saving images and data for further control

Sheet code bar

Printed sheet

Sheet limits

Reference Sheet

Sheet limits

Sheet code bar

Diff
R2R textile printing
Thank you!

Manufacturing solutions

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