



# PhantomTape

INFOSHEET

Electrical connections for e-textiles done right.

The future will see the democratization and standardization of e-textiles as they bring various benefits in health and wellbeing and open up new possibilities for sensing, activation and monitoring in sports, workwear, military and automotive applications. Despite the trend toward smart textiles, the electronics and textile industries did not merge successfully yet. E-textiles are not practical, comfortable or long lasting. The integration of electronics to textiles is cumbersome and labour intensive.

Nanoleq's PhantomTape will create a paradigm shift in the industry. PhantomTape is a highly conductive and elastic thermobonding tape, which provides excellent electrical and mechanical protection. It is thin, comfortable, washable and corrosion resistant. In addition, it is ready to be laminated and connected onto various garments as such, which makes it possible for textile manufacturers to easily form reliable electrical connections without electronics expertise and without the need for crimping or soldering.

Adopt the new connectivity standard with PhantomTape.

Nanoleq is a Spin-Off of ETH Zurich launching a radically new e-textile connectivity solution. Our technology has won many awards.

Visit: [www.nanoleq.com](http://www.nanoleq.com)

+41 76 536 88 99

info@nanoleq.com

Spinoff  
ETH zürich

venture leaders

Forbes

EU - Eurostars

TOP 100  
WINNER  
SWISS STARTUP AWARD

high washability



elastic



highly conductive



light



no exposed wires



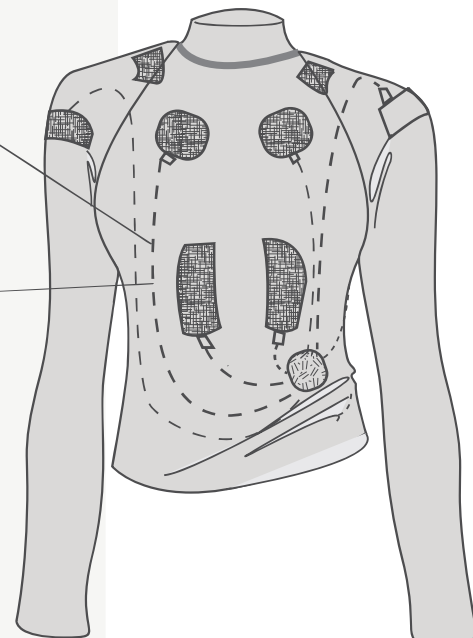
easy lamination & connection



## PhantomTape X

- Ø 1.2 mm soft wire inside with 80% elasticity
- survives over 100 washing and 100 wear cycles
- High conductivity: 3 Ohm/m under stretch

Resistant against washing as well as sweat according to ISO 3160-2.



ECG



EMG



## PhantomTape Light

Extra soft and elastic. Early-stage version available upon request.

EEG



Electrostimulation

