



# PhantomTape

Electrical connections for e-textiles done right.

The big picture for e-textiles is very promising. There is unquestionable potential when you combine the ease of use of textiles with the analytic power and today's connectivity of electronics. Smart garments 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 e-textiles, most solutions are neither comfortable, nor durable, and require a complex production process. The electronics and textile industries did not merge successfully yet.

Nanoleq's PhantomTape will create a paradigm shift in the industry. PhantomTape is a thermobonding tape, which contains a stretchable conductor. 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.

Be part of the future with PhantomTape.



high washability



100X

protection layer



elastic



80%

light



highly conductive



< 3 Ω/m

easy lamination & connection



## PhantomTape X

- Ø 1.2 mm soft wire inside with 80% elasticity
- Withstand over 100 wash cycles
- High conductivity: < 3 Ω/m under stretch
- Resistant against sweat as well washing according to ISO 3160-2

ECG



EMG



Electrostimulation



EEG

