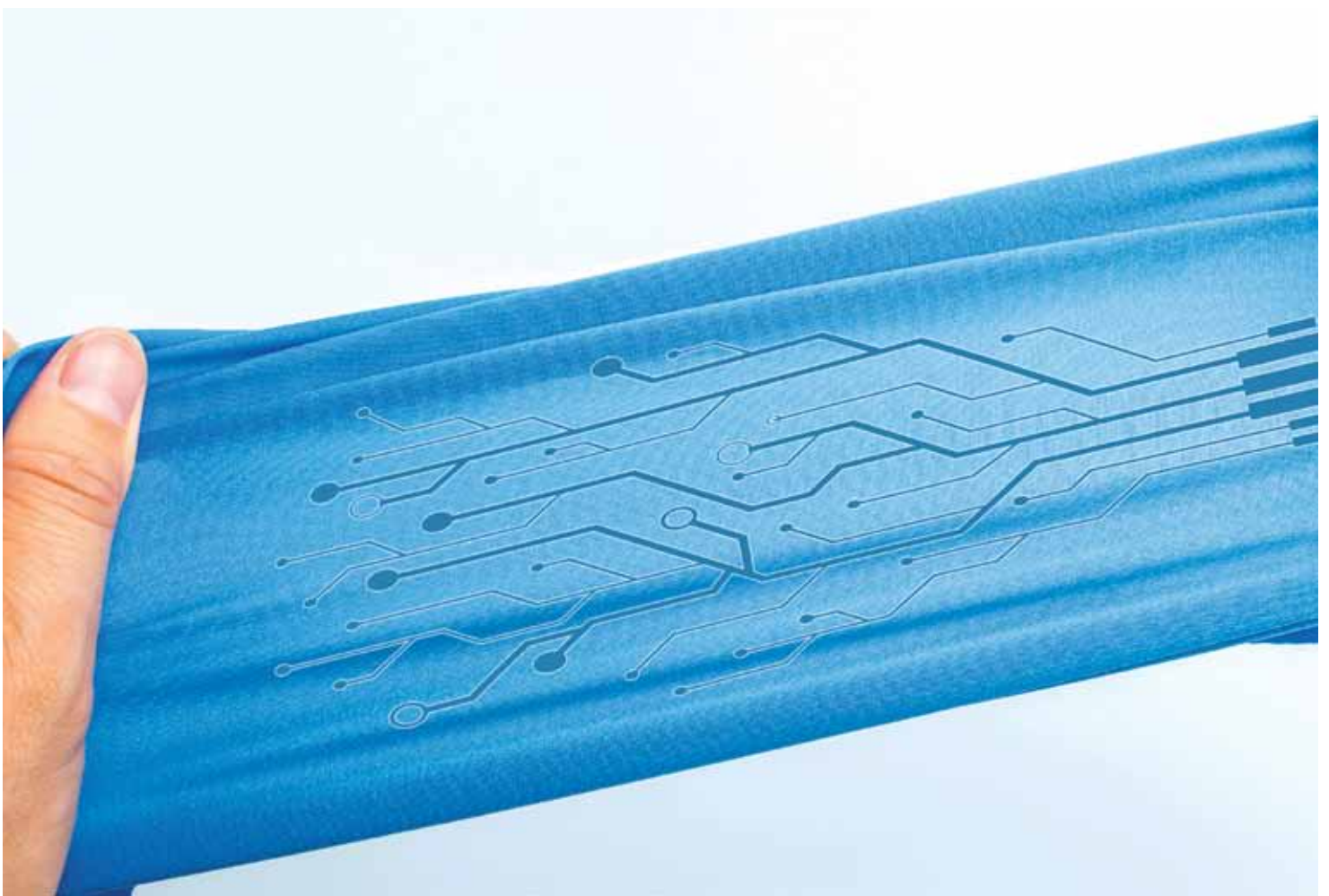




elecrom stretch-flex

TRANSFER FILM FOR WEARABLE ELECTRONICS

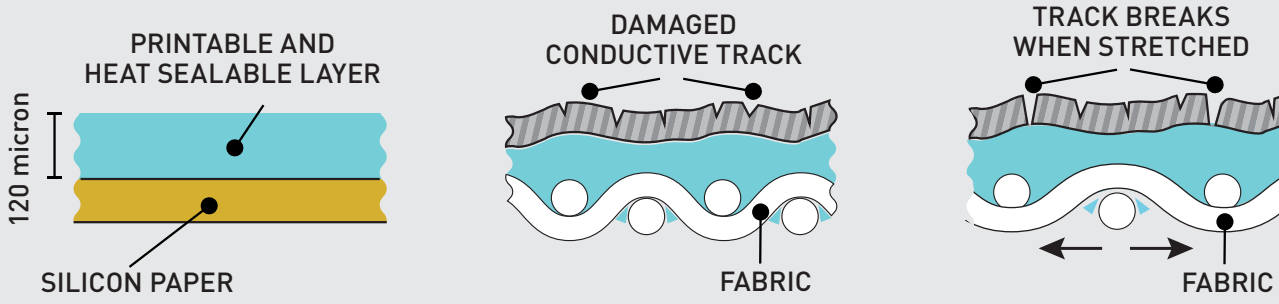


FLEXIBLE AND STRETCHABLE AND 100% CONSISTENT IN CONDUCTIVITY

ELECROM STRETCH is the new stretch film for wearable electronics that ensures the best consistency of the conductive track: this is thanks to its exclusive double layer structure, that grants highest resistance to both thermal and mechanical stress. It is a PU film made of a printable top layer; a lower, heat sealable layer; and a silicon paper liner.

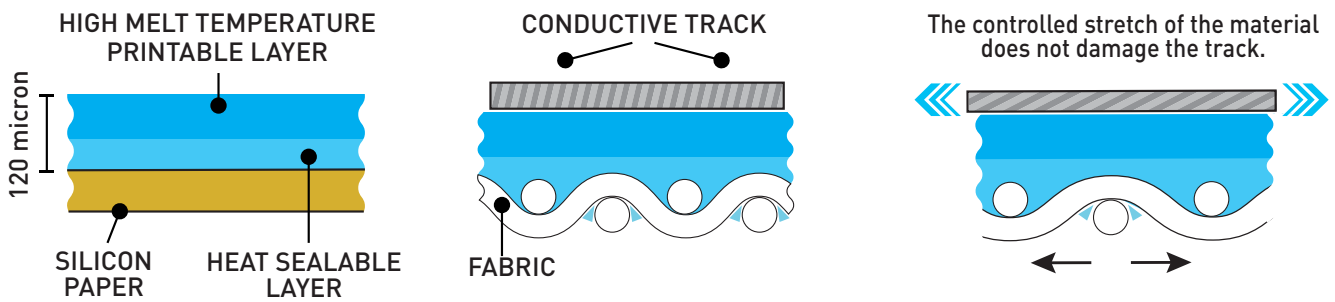
ELECROM FLEX is a patented, flexible and soft PET film laminate. One side is treated to enhance the adhesion of conductive inks; the other side is bonded with a heat sealable PU film designed for lamination on textile. It was specially developed to ensure no stretch, constant conductivity value of the traces and permanent, sure and consistent bond of the electronic components.

THE CONDUCTIVE TRACK IS GETTING DAMAGED DURING THE TRANSFER PROCESS?



THE SOLUTION IS ELECROM

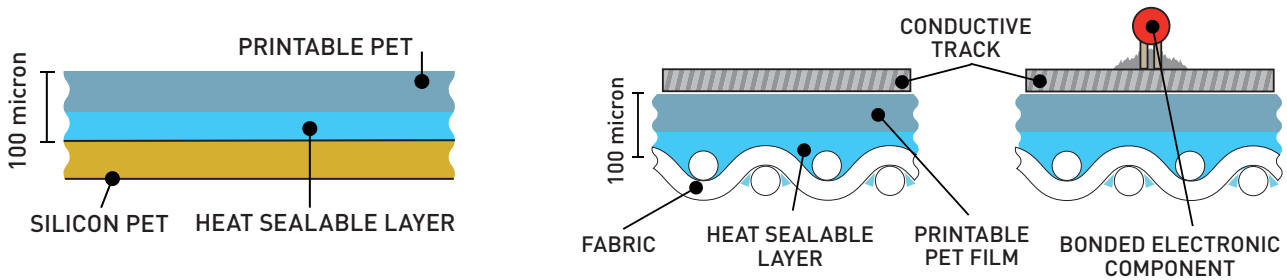
ELECROM STRETCH: DOUBLE LAYER ELASTIC STRUCTURE



The bottom layer, heat sealable, activates at 150° and ensures a perfect bond with the textile. The top layer (high melt temperature), grants the integrity of the track during the transfer process.

Furthermore, the top layer has a calibrated stretchability, which ensures a consistent electric contact.

ELECROM FLEX: DOUBLE LAYER FLEXIBLE STRUCTURE



Product	Thickness	Description	Transfer instructions
ELECROM STRETCH WHITE	120 mic	Two layer white TPU film, protected by silicon paper	Transfer temperature: 150 C° Dwell time: 15s
ELECROM STRETCH CLEAR	120 mic		
ELECROM FLEX	100 mic	PET film treated for ink adhesion, laminated with a heat sealable layer protected by a PET liner	Transfer temperature: 150 C° Dwell time: 15s