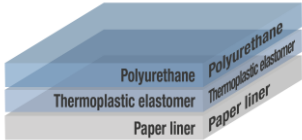




ELECROM STRETCH WHITE STABLE TRACK

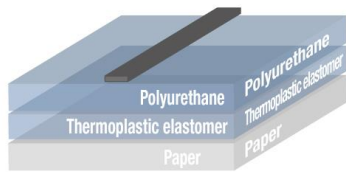
technical data sheet

DESCRIPTION	APPLICATION	FEATURES
Double layer, white TPU film, supported by a silicon paper: the top layer is printable, the bottom one is heat sealable 	Elastic thermal adhesive material printable with conductive inks for the production of smart textiles	<ul style="list-style-type: none"> • Optimal compressibility to obtain a stable track and maintain the highest conductivity • The top layer with a high melting temperature guarantees the integrity of the track during the processes of ink curing and thermal transfer • The bottom layer with a low melting temperature facilitate bonding to textile • Soft hand • Wash resistant

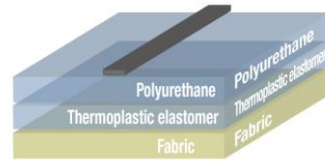
INSTRUCTIONS OF USE

STEP 1: Print the conductive track on the top layer. The curing temperature must not exceed 130 °C / 30'

STEP 2: Remove the paper liner and transfer the film on fabric. The bottom layer, heat sealable, activates at 150 °C and ensures a perfect bond with the textile. Dwell time 15 s, pressure 2.8-4.2 bar (40-60 psi)



Step 1: Printed film



Step 2: Transferred film on fabric

PHYSICAL AND MECHANICAL PROPERTIES

Property	Test method	Unit	Nominal values
Nominal thickness	Internal Method	micron	80±7
Paper weight	Internal Method	g/m ²	90±10
Colour	-	-	White
Melting temperature	DSC	°C	120-130
Tensile strength	ISO 527-3/2/200	MPa	>10
Elongation at break	ISO 527-3/2/200	%	>220
Modulus 100%	ISO 527-3/2/200	MPa	>6
Hardness	Internal Method	Shore A	99.6

The foregoing information and any consulting provided by us in terms of application engineering shall be given to our best knowledge, but shall not be considered binding information neither with regard to any third party industrial property rights. Any such consulting shall not relieve you from your own review of our current consulting information as to their suitability for the intended procedures and applications. It is the users responsibility to determine the suitability for his/her own use and application and test through the complete production process to ensure the product is fully suitable for the intended use, since conditions of use are beyond our control. The sale of our products shall be subject to our current General Terms and Conditions. We reserve the right to make changes that serve to improve the product.

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