

MADEIRA

Technical Datasheet

02.11.2021

HC 12

Product description HIGH CONDUCTIVE THREAD

Material composition 100% polyamid [silver plated yarn]
(Shieldex® made by Statex)

Count 235 x 2 dtex before plating
610 dtex ± 15 dtex plated

Makeup 1000 m cone and 150 m sample cone


Electrical resistance < 100 Ω/m


Recommended needle size 100/16


Technical key data


Tear resistance (average tensile strength cN)	DIN EN ISO 2062	ca. 2950 cN
Elongation (average tensile elongation in %)	DIN EN ISO 2062	ca. 22 %


Care instructions

 Gentle cycle at 30°C using mild detergent. Do not use disinfectant or detergents containing chlorine. Gentle spin cycle.
We recommend to turn the garment inside out and place it in a laundry bag before washing.

 Do not use any kinds of bleaching agents or chlorine. This will damage the silver coating and thread will lose its conductivity.

 Do not tumble dry. Air dry only without exposing the material to direct sun.

 Do not iron!

 Not suitable for dry cleaning.

Compliant with: DIN EN ISO 10993-5 (Cytotoxicity test – no cell damaging effect)
RoHS
Reach

The thread HC 12 has antistatic characteristics.

Certification

STANDARD 100 by OEKO-TEX®
Annex 4, product class I



Material

shieldex

To improve this product Madeira reserves the right to alter the specifications or modify the appearance of products without notice. Information and technical data in this document are guidelines and no warranted characteristics. Small variations due to production process are possible.

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