

# MADEIRA

## Technical Datasheet

02.11.2021

### HC 40

**Product description** HIGH CONDUCTIVE THREAD

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

Count 117 x 2 dtex before plating  
290 dtex ± 6 dtex plated

Makeup 2500 m cone and 250 m sample cone


**Electrical resistance** < 300 Ω/m


Recommended needle size 75/11 - 80/12


#### Technical key data


Tear resistance (average tensile strength cN)	DIN EN ISO 2062	ca. 1400 cN
Elongation (average tensile elongation in %)	DIN EN ISO 2062	ca. 21 %


#### 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

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