**HC 12**

<table>
<thead>
<tr>
<th>Product description</th>
<th>HIGH CONDUCTIVE THREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material composition</td>
<td>100% polyamid [silver plated yarn] (Shieldex® made by Statex)</td>
</tr>
<tr>
<td>Count</td>
<td>235 x 2 dtex before plating</td>
</tr>
<tr>
<td></td>
<td>610 dtex ± 15 dtex plated</td>
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<tr>
<td>Makeup</td>
<td>1000 m cone and 150 m sample cone</td>
</tr>
<tr>
<td>Electrical resistance</td>
<td>&lt; 100 Ω/m</td>
</tr>
<tr>
<td>Recommended needle size</td>
<td>100/16</td>
</tr>
</tbody>
</table>

**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

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.