It is important to immerse Reaxon® tubes in normal saline (0.9% NaCl) for 10 minutes in order to hydrate.

The diameters indicated are those for dry tubes. After hydration, the diameter increases slightly (from 0.1 to 0.4 mm approximately).

Indicated for total nerve ruptures, two versions of Reaxon® tubes are available.

/ REAXON® NERVE GUIDE 
with loss of substance up to 26 mm

Reaxon® Nerve Guide is CE marked. It is available in the following dimensions:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Internal diameter</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>RG321</td>
<td>2.1 mm</td>
<td>30 mm</td>
</tr>
<tr>
<td>RG330</td>
<td>3.0 mm</td>
<td>30 mm</td>
</tr>
<tr>
<td>RG340</td>
<td>4.0 mm</td>
<td>30 mm</td>
</tr>
<tr>
<td>RG350</td>
<td>5.0 mm</td>
<td>30 mm</td>
</tr>
<tr>
<td>RG360</td>
<td>6.0 mm</td>
<td>30 mm</td>
</tr>
</tbody>
</table>

Reaxon® Nerve Guide is a sterile individually-packaged product.

/ REAXON® DIRECT 
with no loss of substance

Reaxon® Direct is CE marked. It is available in the following dimensions:

<table>
<thead>
<tr>
<th>Reference</th>
<th>Internal diameter</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>RD121</td>
<td>2.1 mm</td>
<td>14 mm</td>
</tr>
<tr>
<td>RD130</td>
<td>3.0 mm</td>
<td>14 mm</td>
</tr>
<tr>
<td>RD140</td>
<td>4.0 mm</td>
<td>14 mm</td>
</tr>
<tr>
<td>RD150</td>
<td>5.0 mm</td>
<td>14 mm</td>
</tr>
<tr>
<td>RD160</td>
<td>6.0 mm</td>
<td>14 mm</td>
</tr>
</tbody>
</table>

Reaxon® Direct is a sterile individually-packaged product.

Nerve Regrowth and Protection tube made of CHITOSAN
### CHITOSAN

Chitosan is the principal constituent of Reaxon® tubes. Chitosan consists of deacetylated chitin. The chitin used in the production of Reaxon® tubes is of natural origin. Chitosan is a polysaccharide, not a protein.

#### Properties of Chitosan (%DA = 5%)

The properties of Chitosan are directly related to the percentage of deacetylation. Reaxon® tubes are:

- **Biodegradable**: Reaxon® degrades to compounds that can be metabolized by the body.

- **Bioactive**: Reaxon® stimulates the growth of nerve cells.

- **Biocompatible**: Reaxon® does not induce any immune response.

- **Antiadherent**: Reaxon® limits the formation of scar tissue.

- **Antifungal, antibacterial**

- **Hemostatic**

### Properties of Reaxon® Chitosan (%DA = 5%) tubes

- **Good tube integrity for 18 months**
  (Approximately 2.5 years for resorption)

- **Flexible & Transparent**
  Easy suturing (Ethilon 9-0)

- **Hydrogel**
  Reaxon® enables nutrient and gas exchanges while acting as a barrier to cells.

- **Not collapsing**

- **Reaxon® promotes nerve regrowth**

---

3. The biocompatibility of Reaxon® Nerve Guide has been proven in accordance with the ISO 10993 standards.