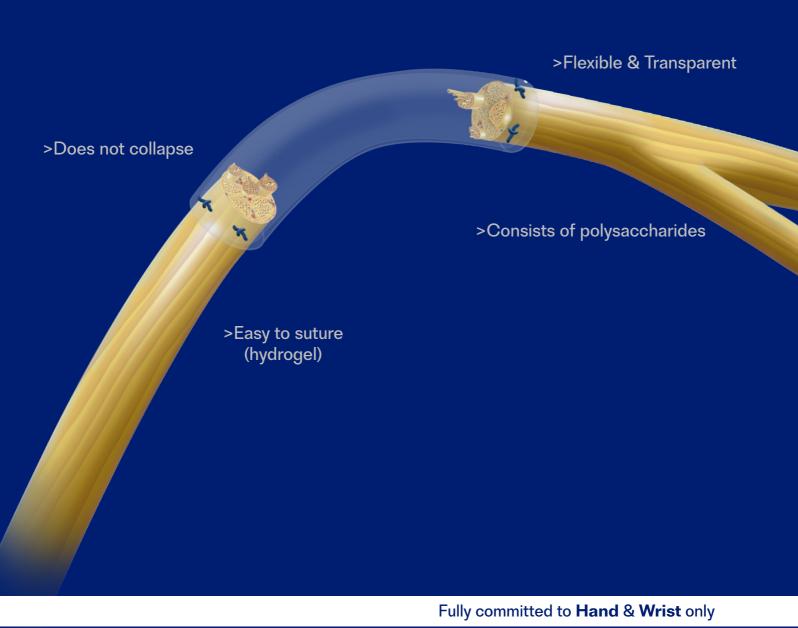


# /REAXON®

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





# sheet Reaxon® Nerve Guide & Reaxon® Direct - English - Reaxon® Direct and Price and the instruction for use carefully, Manufactured by, Medovent GmbH Friedrich-Koenig-Str.3 55129 Mainz - Germany - mail@medovent.com, DR-34-008.04\_En

### Properties of CHITOSAN

- Bioactive supports nerve regeneration equivalent to the autograft
- Antiadhesive inhibits scar tissue and neuroma formation<sup>2</sup>
- Antibacterial limits infection risks3
- Biocompatible does not induce any immune response<sup>4</sup>

### / REAXON® NERVE GUIDE

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

Reference	Internal diameter	Length
RG321	2.1 mm	30 mm
RG330	3.0 mm	30 mm
RG340	4.0 mm	30 mm
RG350	5.0 mm	30 mm
RG360	6.0 mm	30 mm

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

## / REAXON® DIRECT

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

Reference	Internal diameter	Length
RD121	2.1 mm	14 mm
RD130	3.0 mm	14 mm
RD140	4.0 mm	14 mm
RD150	5.0 mm	14 mm
RD160	6.0 mm	14 mm

Reaxon® Direct is a sterile individually-packaged product.

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

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Haastert-Talini et al. Chitosan tubes of varying degrees of acetylation for bridging peripheral nerve defects. Biomaterials 2013: 34: 9886-9904

<sup>&</sup>lt;sup>2</sup> Marcol et al. Reduction of post-traumatic neuroma and epineural scar formation in rat sciatic nerve by application of microcrystallic chitosan. Microsurgery 2011; 31: 642-649.

<sup>&</sup>lt;sup>3</sup> Rabea et al. Chitosan as antimicrobial agent: application and mode of action. Biomacromolecules 2003; 4: 1457-1465.

<sup>&</sup>lt;sup>4</sup> The biocompatibility of Reaxon® Nerve Guide has been proven in accordance with the ISO 10993 standards.