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is intended for healthcare professionals only.**

# Neuroflex™

## Flexible Type 1 Collagen Conduits

Increase Your Flexibility



**Nerve Repair**  
**Without Compromise**

# Neuroflex™

## Nerve Repair. Without Compromise.

The patented Neuroflex™ conduit provides an effective, tensionless repair with improved flexibility over standard collagen conduits.



Neuroflex™ Type 1 Collagen Conduits

### Type 1 Collagen is the material of choice for peripheral nerve repair with conduits

- **Semipermeable** - allows small-sized nutrients and neurotrophic factors to pass, yet provides a barrier to larger, scar-forming cells.<sup>5,8</sup>
- **Very well received by soft tissue** – collagen is noninflammatory<sup>9</sup> and better accepted by soft tissue than PGA-based conduits.<sup>2,7</sup>
- **Completely resorbable** and degrades through normal metabolic pathways within three to six months after implantation.<sup>9</sup>
- **Corrugated sides allow for additional flexibility** without changing the established benefits of standard type 1 collagen conduits.

Catalog Number	Inner Diameter	Length
CNCF2025	2.0mm	2.5cm
CNCF2525	2.5mm	2.5cm
CNCF3025	3.0mm	2.5cm
CNCF4025	4.0mm	2.5cm
CNCF5025	5.0mm	2.5cm
CNCF6025	6.0mm	2.5cm

### Nerve repair without the need to harvest an autograft

- Removes the risk of donor-site deficit, scarring, and neuroma formation.<sup>2</sup>
- Eliminates the OR time and site specific anesthesia required for harvesting an autograft.

#### References:

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4. Lundborg G, Rosen B, Dahlin L, Holmberg J, Rosen I. Tubular repair of the median or ulnar nerve in the human forearm: a 5-year follow-up. J Hand Surg [Br]. 2004 Apr;29(2):100-7.
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7. Li ST, Rodkey WG, Yuen D, Hansen P, Steadman JR. Type 1 Collagen-Based Template for Meniscus Regeneration. Tissue Engineering and Biodegradable Equivalents. Scientific and Clinical Applications. 2002 pp 237-266.
8. U.S. Patent #6,716,225, Implant Devices for Nerve Repair, 2004
9. Datta on file with Collagen Matrix, Inc.
10. Birch R. Greens Operative Hand Surgery, 5th Ed, Vol 1., pp 1075

### A tensionless repair for improved patient outcomes<sup>10</sup>

- In many situations, a primary tensionless repair of the nerve is not possible, even with extensive mobilization. Extensive mobilization may also negatively influence the epineurial vasculature.
- The Neuroflex™ nerve conduit allows for a tensionless repair.
- Studies suggest that regenerating axons accurately align themselves across a confined gap without the approximation of nerve fascicles.<sup>2,5,7</sup>
- Use of a conduit often allows for a more anatomically natural position postoperatively.

### Dependable. Stryker's Neuroflex™ is ready when you are

- Conveniently available off-the-shelf at the time of surgery.
- Especially helpful when addressing severe trauma situations requiring multiple repairs.
- Three-year shelf life provides greater stocking options.
- Six standard sizes allow for accurate size-matching.

### Neuroflex™, the patented type 1 collagen conduit with flexibility<sup>8</sup>

In addition to these benefits, Neuroflex™ adds the patented feature of being kink-resistant. When flexed, the type 1 collagen conduit will bend up to approximately 60 degrees without forming an occlusion, potentially impacting nerve repair. Standard type 1 collagen conduits will occlude at approximately 20 degrees.

A surgeon must always rely on his or her own professional clinical judgment when deciding to use which products and/or techniques on individual patients. Stryker is not dispensing medical advice and recommends that patients be trained in surgeries before performing any surgeries.

The information presented is intended to demonstrate the breadth of Stryker product offerings. Always refer to the package insert, product label and/or user instructions before using any Stryker product. Products may not be available in all markets. Product availability is subject to the regulatory or medical practices that govern individual markets. Please contact your Stryker representative if you have questions about the availability of Stryker Products in your area.

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