

## Micro Cuff Tunnel

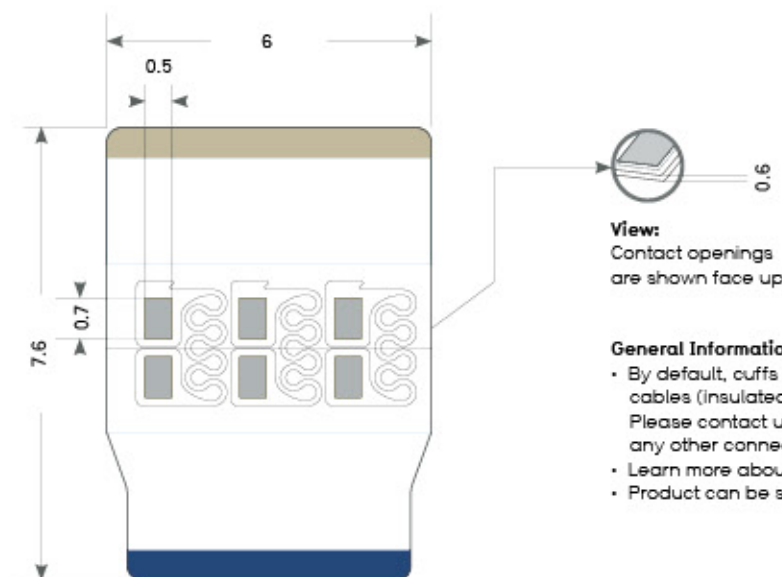
One of the major design innovations by CorTec: Cuff electrodes for recording from and stimulation of peripheral nerves with elastic modules. Micro Cuff Tunnel – the solution for larger diameters. Please contact us for other electrode configurations or designs.



The innovation in CorTec's split cylinder cuffs is their flexible structure: The contacts are divided into two parts, allowing the cuff to be stretched to a certain extent without exposing the contact to tensile forces. The electrode can be removed without affecting its functionality.

Cuff electrodes are available in different diameters, starting from 200  $\mu\text{m}$ , with varying numbers of contacts from bi-polar electrodes up to multi-channel solutions. The product example depicted here shows a 500  $\mu\text{m}$  cuff with 3 contacts that can interface nerves with diameters of up to 0.65 mm.

Example of a tri-polar Micro Cuff Tunnel with a diameter of 500  $\mu\text{m}$  and a cuff length of 6 mm:



### General Information:

- By default, cuffs are equipped with open cables (insulated wires with exposed tips). Please contact us, if you are interested in any other connectivity.
- Learn more about our materials on page 38.
- Product can be supplied sterile.

Available in various configurations with the following parameters:

Parameter	Size (mm)
Inner Diameter	0.2   0.3   0.4   0.5   0.6   0.7   0.8   0.9   1.0   1.1   1.2   1.3   1.4   1.5   2.0   3.0
Contact Arrangement	Bi-polar   Tri-polar

Please contact us to receive our Order Form.

Parameter	Size (mm)
Cuff Length	3*   6   10 * only bi-polar
Cable Entry	left   right
Cable Length	200
Contact Material	Platinum-Iridium

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