



## We are specialized in producing micro wires and tubes

Polyfil AG offers a large variety of high precision micro fine wires and fine tubes for medical applications. These products are manufactured and delivered corresponding to the industry standards and customer specific requirements. Typical products are:

- Wire for electro stimulation
- Medical ultrasound cables
- Monopolar electrodes
- Bipolar electrodes
- Guide wires
- Radiofrequency catheters
- Micro cables
- Probes
- EMG needles
- Sensors

## Our competences

Ultra fine wires in many alloys, bare or coated, starting at a diameter of 7 microns. The coating can be as thin as 0.5 microns with progressive increase up to your technical needs.

### Bare Wire

Gold  
MP 35N  
Ni-Alloys  
Nitinol  
Palladium  
Platin alloy  
Silver  
Titan  
Tungsten

### Inox Steel

AISI 304  
AISI 304L  
AISI 316LS

### Plating

Gold  
Palladium  
Platinum  
etc...

### Coating

Polyamide  
Polyesterimide  
Polyimide  
Polyurethane

*Other materials  
on request*



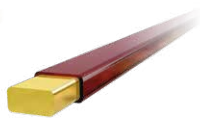
Bare wire



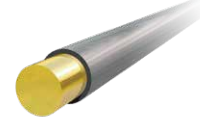
Insulated wire



Flat wire



Insulated flat wire



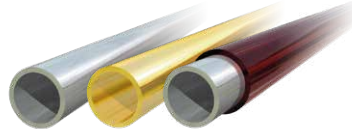
Plated wire



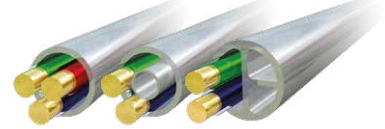
Micro coil



Micro cables

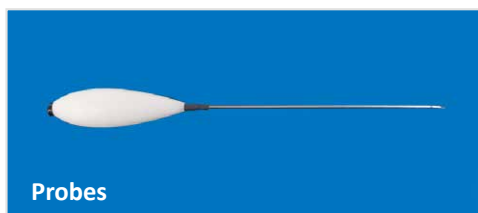


Fine tubes



Coaxial wire and multi lumen tubes

## Possible applications



Probes



Electrodes



Catheters

## Further activities



Automotive



Micro tech  
and electronics



High precision  
industry



Robotics



Group Companies

**ACCURATECH**  
microtechnology in wires & tubes

**POLYFIL**  
high precision in wires & tubes

**GALVAREX**  
high precision plating