



NANOWIRES (NW)

Nanomaterials.it develops and sells a wide range of metallic nanowires that can be employed in many scientific and industrial applications such as: electrode sensors, catalysts, magnetic devices, and others.

The nanowires that we produce are characterized by:

- High metal purity
- Diameter and length with low standard deviation

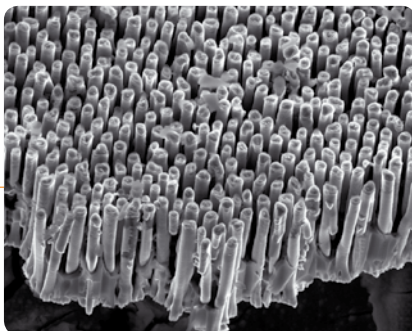
We provide our nanowires in different types and forms of supply, for example:

- Metallic nanowires of Gold, Nickel, Copper, Cobalt and, on demand, of other metals
- Dispersed in organic or aqueous solution
- Embedded into porous anodic alumina templates

Metallic nanowires (NW)

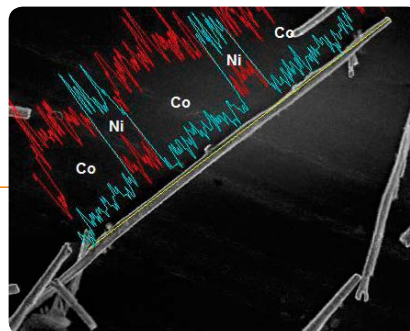
● Metal	Gold Nickel Copper Cobalt	● Wire diameter	35nm (S.D. 15%) 90nm (S.D. 10%) 200nm (S.D. 20%)
		● Wire length	25µm ± 5µm 40µm ± 5µm
		● Concentration	On demand, up to few g/l
		● Solution	Organic or aqueous solutions (others on demand)
		● Packaging	Glass bottles of 100ml (others on demand)

Nickel nanowires



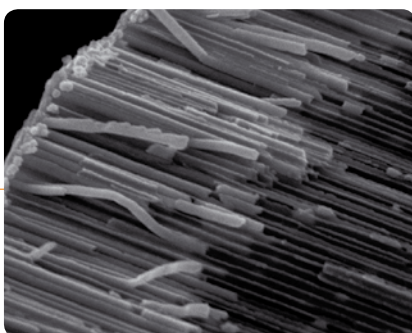
1µm

Nickel-Cobalt nanowires



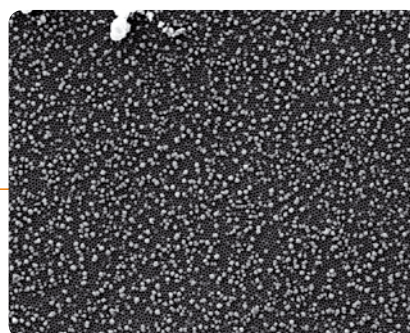
6µm

Gold nanowires



1µm

Gold nanowires into PAA membrane



1µm