

Clad Metal Wire Enhances Medical Design Options



Custom manufactured clad composite wire that lets medical device makers innovate more effectively by combining several properties into a single wire is available from Anomet Products, Inc. Anomet Medical Clad Wire can achieve characteristics not available in a single alloy wire by combining one or more precious metals and a core material into a single wire with the desired OEM properties. Formulated to achieve various combinations of strength, weight, conductivity, biocompatibility, and/or radiopacity, the clad composite wire is offered in 0.002" to 0.060" O.D. sizes with 2% or more cladding thickness.

An implantable connector, for example, could feature Anomet Medical Clad Wire with platinum metallurgically bonded to a stainless steel or nitinol core. A radiopaque wire can feature platinum and platinum-iridium, tantalum and tantalum-tungsten, and similar alloys in clad composite with 316LVM stainless steel, nitinol, and MP35N®. Other clad formulations can simply achieve cost savings over solid wire.

Anomet Medical Clad Wire is priced according to configuration and quantity, supplied on spools. Samples and price quotations are provided on request.

Source URL (retrieved on 01/24/2015 - 11:50pm):

<http://www.mdtmag.com/product-releases/2011/10/clad-metal-wire-enhances-medical-design-options>