

Download Hydrophilic Polymer Coatings For Medical Devices

What types of medical devices use hydrophilic coatings? Typically catheters, guidewires, introducers and other medical devices use hydrophilic coatings for minimally invasive procedures. Endura Coating Systems for Medical Coatings. Endura 200TX: A proprietary electroless nickel co-polymer coating system designed to provide exceptionally low surface energies, low friction, chemical corrosion protection, and enhanced lubrication, in combination. Surmodics' lubricious and hemocompatible hydrophilic coatings are used on a variety of coronary device applications. We also offer drug delivery technologies for medical devices, such as stents and balloons. Our Series 100 coatings are designed to impart surface hardness (up to 65Rc) and possess excellent resistance to wear and corrosion. These coatings also afford improved dielectric properties, and are further reinforced via the introduction of low-friction, high release, fluoropolymers for added lubricity and non-stick surface properties.