

## Contract Services

We know your time and resources are valuable, so we offer an array of individualized contract services to help ease your production processes, including:

- In-house Coating
- Research and Development
- Specialized Analytical Testing
- Custom Machine Building
- Turn-key Operations
- Technology Transfer Services

We are an FDA registered, ISO 13485:2016 and ISO 9001:2015 certified production facility.

To learn more about our superior coating technologies and services, please contact us to speak with a Product Specialist, now!

Let Our Legendary Technologies Empower Yours™

Would you like to be a distributor of Hydromer's Medical Device Coating formulations? Reach out to us and receive more information about becoming a licensed dealer in your region.



hydromer.com • (888) 90-HYDRO • info@hydromer.com



# Hydromer®

Let Our Legendary Technologies Empower Yours

Advanced Medical Device Coatings





Hydromer has 30+ years of regulatory approval around the world, and offers advanced hydrophilic medical device coatings for a wide range of medical applications. Our hydrophilic formulations, in addition to being highly lubricious, can also be tailored to provide thromboresistance, cell-growth enhancing and antimicrobial properties to enhance performance of your medical devices. Hydromer offers best-in-class technologies and services, covering all your needs from design to delivery.



### Hydromer® Hydrophilic Medical Device Coatings

Our medical device coatings are formulated to provide superior lubricity, reduction of protein platelet adhesion. Our broad portfolio of products, tailored for best performance on different substrates, are heat cured, enable coating of micro- and multiple lumens, on both inner and outer surfaces of the device. Hydromer's products can also coat complex geometries.

### Hydromer® Thromboresistant Coatings

Medical devices inserted into the vascular system have the potential to cause blood clots, which can lead to thrombosis or an embolism. Hydromer's thromboresistant coatings are "slippery-when-wet" and are non-leaching. This can reduce blood clotting formation, that can lead to strokes, atrial fibrillation or even heart attacks. By reducing the adherence of blood platelets to the surface of the device, Hydromer's thromboresistant coatings dramatically improve patient safety and clinical outcomes.

### Hydromer® Cell-growth Enhancing Coatings

Hydromer's cell-growth enhancing medical device coatings are more biocompatible and encourage cellular attachment. These coatings can enhance adhesion, proliferation of fibroblast and endothelial cells, improve wound healing and cell repair.

*Our Hydromer® Medical Device Coating formulations can be applied to many substrates, such as:*

- Chronoflex
- Chronoprene
- Dynaflex
- HDPE
- Latex
- Stainless Steel
- PVC
- Silicone
- Nylon
- PEBAX
- Polypropylene
- Polyurethane
- Polyurethane TPU
- PTFE
- PVC
- Silicone
- And many others

*Hydromer® Medical Device Coating formulations are ideal for a variety of applications including:*

- Guidewires
- Catheters
- Needles
- Stents
- Dialysis
- Applicators
- Inserters
- Lenses
- Balloons
- Pacemaker Leads
- Shunts
- Vascular access
- Neurovascular
- Cardiovascular
- Urology
- And many more

Hydromer® offers both solvent and water-based coatings that can be applied by spin, spray, dip, flow and many other coating techniques.

For more details about using one of our superior, cutting-edge, off-the-shelf or customized Hydromer® Medical Device Coating formulation that meets your specific needs and help enhance performance of your device(s), call our product specialists.