

A large, dynamic splash of water in shades of blue and white, with numerous bubbles and droplets, occupies the lower half of the page. The water appears to be moving from the left side towards the right.

Customized Coatings
for Medical Devices

The AquaCoat™ Platform

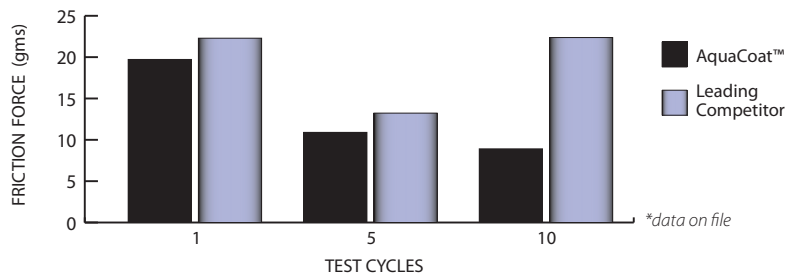
AQUACOAT™ TECHNOLOGY

Medi-Solve Coatings' platform technology is based on AquaCoat™, a water based, single step technology. AquaCoat™ bonds to a variety of surfaces, including most polymers and metals. AquaCoat™ offers outstanding lubricity and its unique chemistry provides durability while preserving the flexibility of your device. AquaCoat™ can be customized to your specific needs including drug delivery, antimicrobial or anti-thrombogenic coatings. AquaCoat™ has been FDA approved on many medical devices, is simple to use, OSHA friendly and cost effective.

AquaCoat™ LC

AquaCoat™ LC is the most lubricious coating available. This superior, patented coating drastically reduces surface friction when in contact with body fluids, making device insertion and removal easy and less traumatic to the patient. AquaCoat™ enhances the design features of any device, resulting in the best overall performance.

Performance of AquaCoat™ vs. a Leading Competitor*



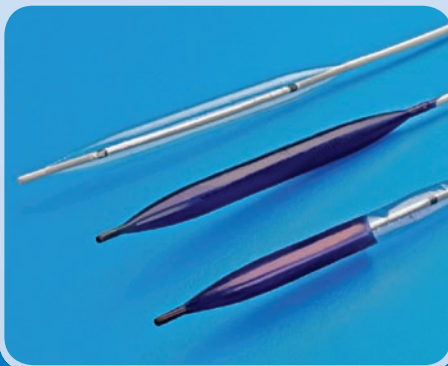
AquaCoat™ PA

AquaCoat™ PA is a plasma activated surface modification for difficult-to-coat polymers, like fluoropolymers, polyolefins, polyimides, and metals. It avoids the use of expensive, solvent based primers or multi-layer coatings.



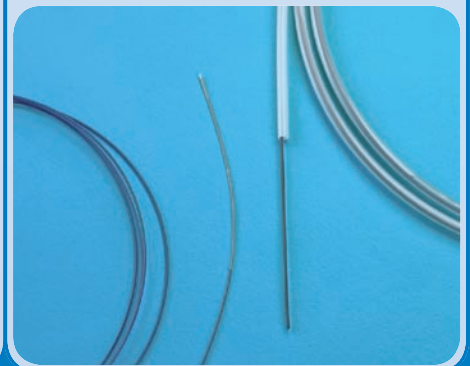
AquaCoat™ DEB

AquaCoat™ DEB is a drug delivery coating formulated on the AquaCoat™ platform for drug eluting balloons. It can be tailored to modulate the release of water soluble or insoluble drugs, bonds to the device surface and is "tissue-friendly."



AquaCoat™ Gel

AquaCoat™ Gel is a long lasting coating designed to retain water and slip prior to insertion into the patient. AquaCoat™ Gel stays slippery long after other coatings dry out and become tacky, reducing the need to re-hydrate the device.



Medi-Solve Coatings:

Expertise

Medi-Solve Coatings works exclusively with medical device companies to provide our unique and extensive coating expertise. We are highly regarded coatings experts with over 40 years of industry experience and an in-depth understanding of medical device requirements. From product design through manufacturing, we are dedicated to continually improving our platform and processes for coatings and custom formulations. Our customers say:

"Easy to work with;"

"Technically knowledgeable;"

"Responsive to our needs."

Highly Lubricious and Durable

Medi-Solve Coatings' AquaCoat™ platform offers one of the most lubricious and durable coatings on the market. We guarantee it!

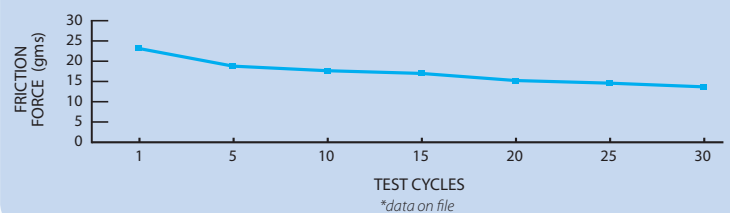
THE AQUACOAT™ PLATFORM

- Lubricious
- Aqueous
- Durable
- Biocompatible
- IP Protected
- Environmentally Sound
- Conformable
- Customizable
- Cross-Linked

"Medi-Solve completely satisfied our customers' product requirements for lubricity and abrasion resistance... they are very knowledgeable and easy to work with."

—Jon McIntyre, Bridgemedica

Durability of AquaCoat™ After Multiple Test Cycles*



The Complete Solution

Customized Coatings

- Customized for each customer's unique needs
- Plasma modification technology gives superior coating adhesion to difficult substrates
- Controlled environment for prototype manufacturing and solution formulation

Easy to Process, Simple to Use

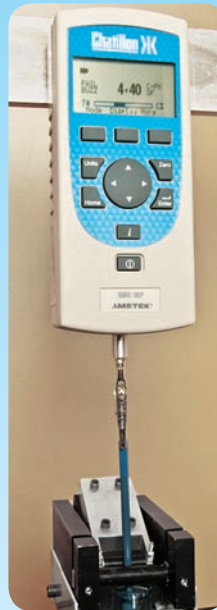
- One step, simple coating system
- Broad based application to metals or plastics
- Easy, OSHA friendly chemistry
- Stable, water based formulation using a low temperature process
- Environmentally friendly

Proprietary IP

Customers gain the advantage of a license to Medi-Solve's proprietary technology

"Medi-Solve created coatings to meet our requirements, and provided samples of different types of coatings that we evaluated together. They helped us select the best one."

—Leigh Hayward, TechDevice



Medi-Solve Coatings' Coefficient of Friction Test Equipment

Low Cost Capital Equipment

Keep capital equipment costs at their lowest possible level. Our business model is to provide expert process development guidance so that client teams can build customized, low cost manufacturing equipment.

Biocompatible

Our coatings are used in FDA approved devices

Polymer Formulations

Aseptic customized polymer formulations available, made in a controlled environment





Partnering with Medi-Solve

As a development partner, our customers tell us that we offer a uniquely high level of collaboration, and that our understanding of medical device requirements is unparalleled. We are successful because we tailor our coating chemistry to your requirements, ensuring the successful launch of your product in this fiercely competitive medical device marketplace.

Medical device technology is accelerating at an amazing pace. Trust the future success of your coated device to the proven track record of Medi-Solve Coatings.

"Medi-Solve Coatings provides technology transparency, in chemistry and process. They understand principles of testing and use, and explained recognized test method standards to us."

—Eric Mathews, Concert Medical

"Medi-Solve Coatings has the experience to develop unique coating materials. They will do small lot runs for R&D and are a great resource for process development."

—Ian Parker, G.I. Dynamics

Medi-Solve Coatings Founders



Ron Sahatjian, Ph.D.

For over 20 years, Dr. Ron Sahatjian led key Boston Scientific R&D programs. In 1991, he started Boston Scientifics' Corporate Technology Center and launched the company's drug delivery program with the invention of the hydrogel coated drug eluting balloon and porous drug delivery Channel™ balloon. As Vice President of Strategic Technology Programs, he lead a multi-disciplinary R&D team investigating materials in drug release coatings, shape memory polymers and aneurysmal therapies. Ron holds over 115 patents, is an academic lecturer, has presented on FDA advisory panels, and has been published in JACC, Radiology, and other peer reviewed journals.



Art Madenjian, MS, MBA

Before joining Medi-Solve Coatings, Art Madenjian worked at Boston Scientific for 20 years as an R&D leader in divisions from cardiology, to urology, neurology, GI and gynecology. Art managed Boston Scientifics' first Coatings Group which developed and launched several hydrophilic coatings platforms. In the Molecular Interventions Group, Art successfully developed and implemented a process for coating a paclitaxel drug eluting coronary stent. Art's technical expertise includes process development, material selection and manufacturing scale-up. He holds over 10 US medical device patents and has been published in the Journal of Urology.

Trust the future success of your coated device
to the proven track record of Medi-Solve Coatings.

Technically knowledgeable

...

Easy to work with

...

Responsive to your needs

...



Medi-Solve Coatings LLC
14 Tech Circle
Natick, MA 01760
(781) 838-1960 • Fax (508) 651-3611

e-mail: info@medisolvecoatings.com

www.medisolvecoatings.com