Hydrophilic Coating

Improve the Performance of Your Device With Our Coating

Tests Indicate Our Coating Performs Favorably for Lubricity and Durability*

Coating can be Customized to Your Requirements

Work With The Experts™
The Teleflex Medical OEM Hydrophilic Coating Performs Favorably for Lubricity and Durability*

Teleflex Medical OEM Coating vs Competitors

**Please note:
- Tested in-house using a Harland FTS Friction Test System
- Tested on Pebax®-based substrates

**Please note:
- Competitor data from its website. This graph displays the resistance force needed to pull a coated sample between silicone rubber pads clamped on the sample with 500 grams clamping force.
- Comparable testing of Teleflex Medical OEM coating using a Harland Friction Test System
- Tested on Pebax®-based substrates

***Please note:
- Tested in-house using a Harland FTS Friction Test System
- Tested on Pebax®-based substrates

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**Lubricity and Durability Test**

![Graph showing lubricity and durability test results for Teleflex Medical OEM vs Competitor A.](image)

**Lubricity and Extended Durability Test**

![Graph showing lubricity and extended durability test results for Teleflex Medical OEM vs Competitors.](image)

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www.teleflexmedicaloem.com
Improve the Performance of Your Device with Our Hydrophilic Coating

- Hydrophilic coating may reduce the required insertion force which may result in improved control, placement, and tracking of the device
- The coating may lessen the damage to tissue and vasculature
- Meets the reliability demands of device applications

Low Particulate Count’

- Meets the USP 788 Standard

Proven Shelf Life Stability’

- Helps you manage cost and supply challenges

We Offer Extensive, Vertically-Integrated Device Development Capabilities

- A single source solution for device development and manufacturing can reduce production time, costs, and time to market
- Proven coating and substrate adherence
- Coating process can be customized to your requirements

Work With The Experts™ in High-Performance Coatings

- Proprietary coating formulation can be customized to optimize certain performance characteristics
- Fully-automated coating application technology and curing process
- UV-cured formulation in a temperature and humidity controlled cleanroom
- Proven biocompatibility, sterilization, and shelf life’
- Regulatory master file support
- Our hydrophilic coatings meet these standards:
  - Cytotoxicity: ISO 10993-5
  - Irritation: ISO 10993-10
  - Sensitization: ISO 10993-10
  - EO Residual: ISO 10993-7
  - Haemolysis: ISO 10993-4
  - Chemical Characterization: ISO 10993-18
- Coating and device testing can be used for coating characterization and performance, and for in-process monitoring and control:
  - Formulation
    - Viscosity
    - Percentage of solids
  - Coating
    - Integrity
    - Lubricity
    - Durability
    - Particulate (meets USP 788 standards)

*Please note: Testing data included in master file.
Hydrophilic Coating

Improve the Performance of Your Device with Our Lubricious Coating

TELEFLEX MEDICAL OEM is a leader in product development and production services for medical device manufacturers across the world. We set ourselves apart with extensive, vertically-integrated capabilities, deep expertise, a focus on design for manufacturability, and decades of experience.

Our services include
- Product concept development
- Engineering
- Design for manufacturability
- Regulatory affairs
- Material selection and formulation
- Prototyping, testing, and validation
- Production process development
- Custom tooling
- Manufacturing
- Finishing operations
- Assembly and packaging

You can count on Teleflex Medical OEM to deliver industry-leading innovations and next-generation solutions for extrusions; diagnostic and interventional catheters; balloons and balloon catheters; specialty sutures, braids, and fibers; and bioabsorbable sutures, yarns, and resins. Learn more at www.teleflexmedicaloem.com.

LET’S GET TO WORK ON YOUR PROJECT
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- Social Media: Facebook®, LinkedIn®, and Google Plus®