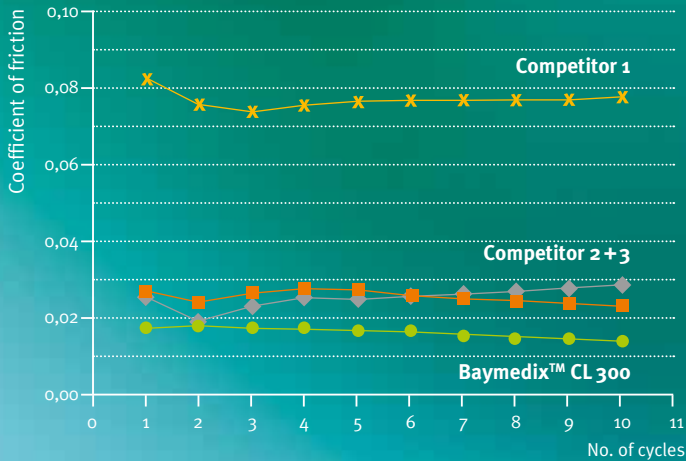


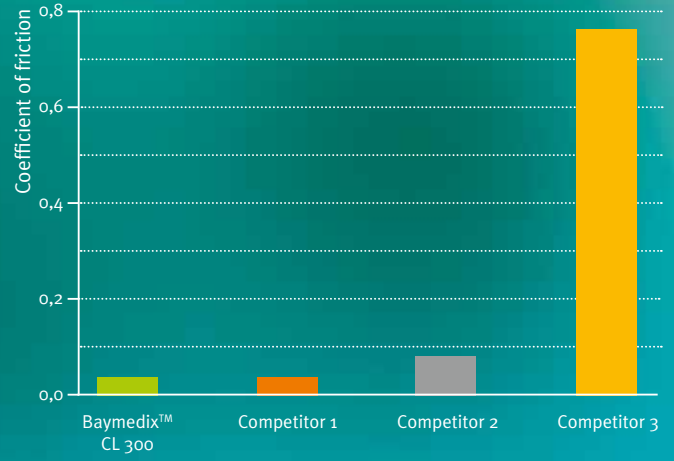
**NEW**

**BAYER OFFERS NEW LUBRICIOUS MEDICAL COATINGS: BAYMEDIX™ CL 300**

**LUBRICITY & WATER RETENTION**



Coefficient of friction of PVC tubing after multiple test cycles



Coefficient of friction 8 minutes after being removed from water

This exceptionally lubricious coating is applied to the surface of polymeric materials. The coating has been specially developed to remain lubricious when used in a drying environment, for instance when in contact with mucosal tissue. Once hydrated, the coating will retain moisture for up to 10 minutes while remaining highly lubricious.

The process can be adapted to a wide range of materials. After feasibility has been established on development samples, Bayer MaterialScience will provide processing, quality and regulatory support to assist product development.

**KEY PRODUCT FEATURES ARE:**

- Highly lubricious
- Long water retention time
- Non-sensitizing, non-cytotoxic and non-irritant\*
- Capacity to incorporate antimicrobial agents
- Particularly suitable for coating PVC

\* Sensitization, in vitro cytotoxicity, and intracutaneous irritation tested according to ISO 10993.



**BAYMEDIX™ WORLD-CLASS, TAILOR-MADE, POLYMER-BASED MEDICAL COATINGS:  
LUBRICIOUS, HYDROPHILIC, BIOABSORBABLE, DRUG-ELUTING**

## 2-STEP PROCESS TO APPLY BAYMEDIX™ CL 300 LUBRICIOUS COATINGS

Substrate



POLYMER SUBSTRATE (ACTIVATION STEP: OPTIONAL)

Primer

Substrate



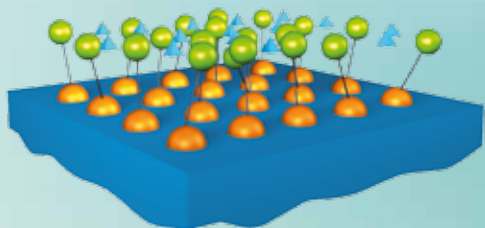
1. SURFACE PRIMER: AN ULTRATHIN POLYMER LAYER IS APPLIED TO IMPROVE ADHESION BETWEEN SUBSTRATE AND COATING

Topcoat

Osmolyte

Primer

Substrate



2. A HIGHLY LUBRICIOUS TOPCOAT IS APPLIED CONTAINING A NATURAL OSMOLYTE TO IMPROVE WATER RETENTION

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