

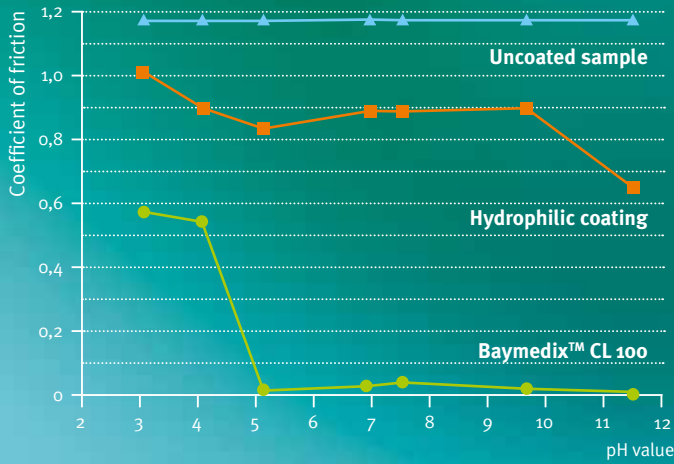
NEW

BAYER OFFERS NEW LUBRICIOUS MEDICAL COATINGS: BAYMEDIX™ CL 100

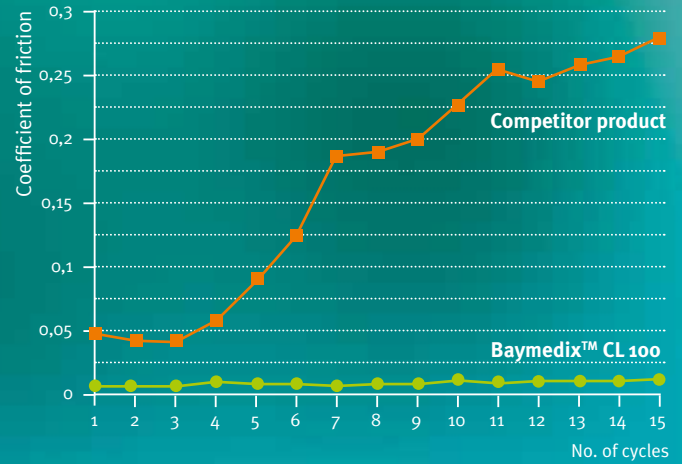
LUBRICITY

&

DURABILITY



Coefficient of friction on Pebax®* tubing, optimized for human body pH-conditions



Coefficient of friction as a function of cycle time vs. a competitor

This hydrophilic coating is suitable for application to most polymeric materials. The surface treatment used to apply Baymedix™ CL 100 results in a very thin polymer layer grafted onto the substrate. Exceptional durability and adhesion is the result, owing to the covalent attachment between the coating and the underlying device.

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.

* Pebax® is a registered trademark of Arkema France

KEY PRODUCT FEATURES ARE:

- Strong and durable
- Highly lubricious
- Bio- and hemocompatible*
- Very thin (<10 μm)
- Inner lumen catheter coatings

* In vitro cytotoxicity and hemolysis tested according to ISO 10993.

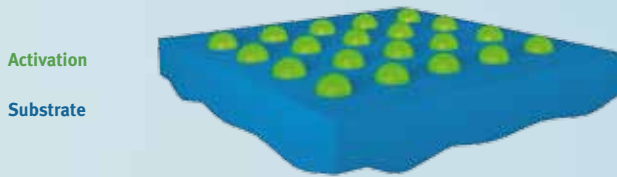


**BAYMEDIX™ WORLD-CLASS, TAILOR-MADE, POLYMER-BASED MEDICAL COATINGS:
LUBRICIOUS, HYDROPHILIC, BIOABSORBABLE, DRUG-ELUTING**

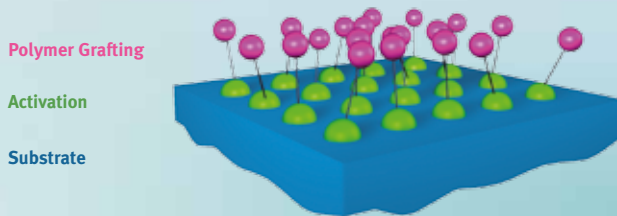
2-STEP PROCESS TO APPLY BAYMEDIX™ CL 100 LUBRICIOUS COATINGS



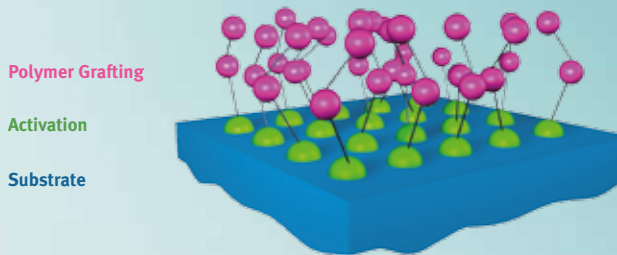
SUBSTRATE: POLYMER MATERIALS LIKE PEBAX®,* POLYAMIDE, POLYURETHANE OR OTHERS



1. ACTIVATION OF SURFACE: SPECIFICALLY ADAPTED TO EACH MATERIAL



2 a. POLYMER GRAFTING: CREATING A STRONG BOND TO THE SUBSTRATE



2 b. CONTINUOUS GROWTH OF POLYMER LAYERS

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The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

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