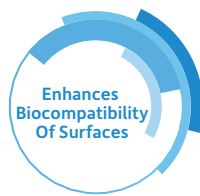




Assist™ Flexible Hydrophilic Biocompatible Coating

Assist™ Flexible Hydrophilic Coating is a highly lubricious and flexible coating specifically developed to enhance the biocompatibility of, and reduce the friction on, medical device surfaces. This provides comfort for patients and ease for professionals when devices are inserted and removed or when in motion within the patient.

Hydrophilic Properties

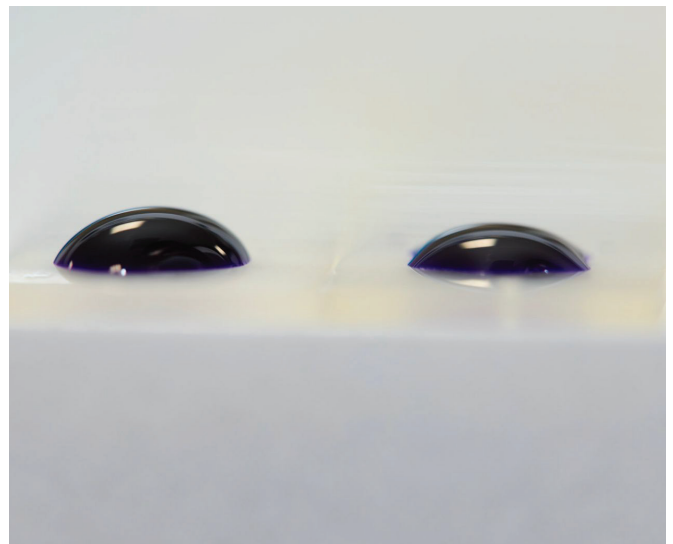


What is Assist™ ?

Assist™ Hydrophilic Coating provides a high-performance, lubricious surface tailored for medical implant applications, specifically designed to reduce friction on device surfaces. This legacy technology has been successfully applied to a wide range of substrates and geometries without causing particulate formation or delamination during patient use.

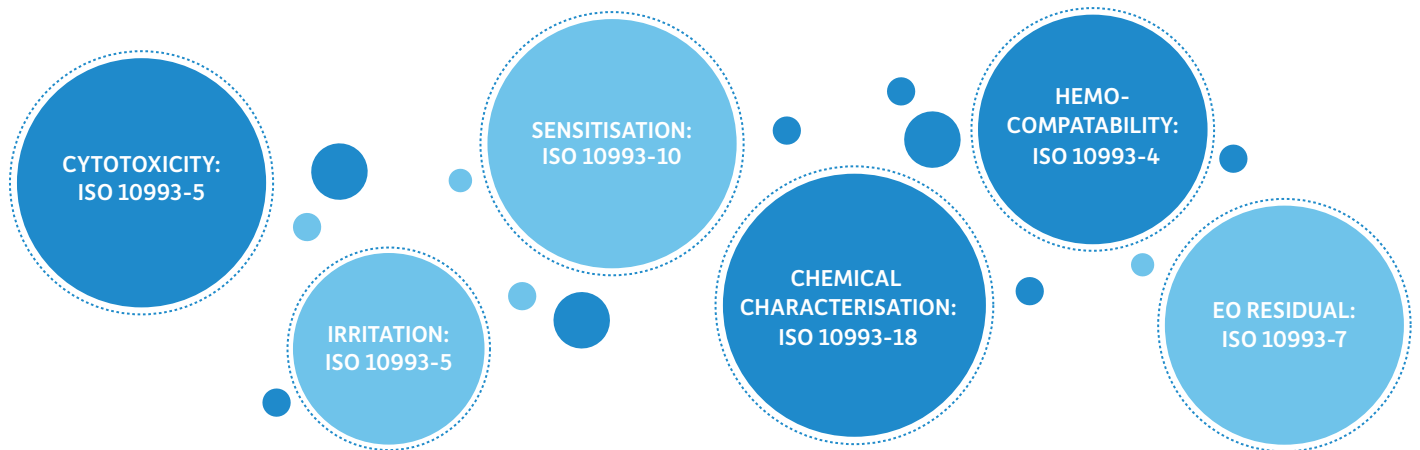
Engineered for durability, Assist™ has been applied to various medical devices, including highly mobile and mechanically demanding components such as large balloon catheters, joint devices, and delivery systems. Its two-factor approach enhances biocompatibility and stability, minimising complications at the device-body interface. This reduction in complications leads to decreased tissue damage and improved patient comfort during device operation or removal.

Assist™ effectively prevents cell deposition and adhesion on the device surface, enabling the implant to function over extended periods without degradation, even under continuous movement. The coating's versatility allows for application across an extensive list of substrates through a streamlined process ideal for batch production. Available in both UV and heat curing options, Assist™ Flexible Hydrophilic Coating is suitable for a variety of medical components and devices, accommodating diverse dimensions, tolerances, and clearances.



Legacy Evaluation

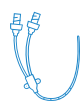
Assist™ Hydrophilic Coating has been used on FDA-approved and CE-marked medical devices for over 25 years without recalls, and has been tested to ISO biocompatibility standards, including:



Clinical Applications

Assist™ Flexible Hydrophilic Biocompatible Coating can be safely applied to a wide range of medical device surfaces, including polymers (e.g. polycarbonate and polyurethane), metals (e.g. nitinol and stainless steel) as well as woven & non-woven fabrics.

Clinical Applications Include:



Central Venous Catheters



Introducers



Guidewires



Intra Ocular Lense Cartridges



Joint Replacements



Feeding Tubes



Sheaths



Other Devices
which require lubrication