

## PARTNERSHIPS FOR MULTILAYER COATING AND CASTING MEDICAL FILM PRODUCTS

For over 100 years, Carestream has been a leading provider of high-quality medical imaging films. We capitalize on the same technologies, manufacturing equipment and expertise to help our partners produce a wide range of specialty medical films and products.

Our simultaneous, multilayer coating and casting processes utilize advanced methods, backed by 100% automated in-line film quality inspection systems, extensive analytical testing and clean room practices, to meet stringent FDA and ISO standards. Partners leverage this process expertise along with our product development knowledge to bring new and improved products to the healthcare industry – from advanced wound care materials and diagnostic test strips to films for highly selective medical membranes.

### Medical Coating and Casting Capabilities:

- Precision casting
- FDA / ISO certified systems
- Clean room
- Primed PET film substrates for diagnostic tests

### Process Development Advantages:

- Lab, pilot and production coaters available to scale-up solution-coated products
- Understanding of the complex variables and stringent quality guidelines required for medical and pharmaceutical products
- Relationships with substrate/chemical suppliers
- Streamlined validations because Installation (IQ), Operational (OQ), and Performance (PQ) Qualification methodology is well understood and routinely practiced
- Ongoing manufacturing is performed in ISO 9001 or ISO 13485 certified operations

### Custom Medical Product Expertise:

- Diagnostic test strips
- Coated films or membranes constructed on release liners for advanced wound care including solution-coated PU films
- Hydrophobic and hydrophilic coatings
- Barrier coatings for packaging
- Anti-microbial coatings
- Solution cast films for optical applications and precision filtration media



### ABOUT CARESTREAM

#### Precision Multilayer Coating Partnerships

Building on more than 100 years of precision multilayer coating leadership, Carestream applies aqueous and solvent coating proficiency at bench, pilot and production-scale manufacturing for optimal product design, technology integration and manufacturability. Partners leverage Carestream's coating expertise, manufacturing assets and new product commercialization processes to develop precision-coated and cast film applications for a wide range of energy storage, display, medical, optical, electronic and other advanced materials products. Carestream actively seeks growth partnerships, which combine customer product IP and market channels with its high-speed roll-to-roll processing, quality systems and worldwide presence to bring new products through commercialization quickly and efficiently.

For more information, contact **541.831.7374** or **info@tollcoating.com** to learn how a Carestream multilayer coating partnership can bring high quality and performance advantages to your medical products through commercial scale-up.