

## CUSTOM COATING OPTICAL-GRADE DISPLAY FILMS

Carestream Contract Manufacturing leverages a deep history of manufacturing high-quality medical imaging films to meet the stringent requirements for custom coating optical-grade display films.

Our rigorous production release process features 100% automated in-line optical inspection, extensive analytical testing and clean room practices to deliver high quality display products. Customers use our precision coating assets and product design, technology integration and manufacturing support to produce a variety of functional films, including light management, optically clear adhesives, hardcoat transparent conductive and more.

### Display Coating Capabilities:

- Precision, multi-layer coating
- Clean room to meet stringent optical and cosmetic requirements
- 100% automated optical inspection
- Supply chain service to Asia
- In-line lamination
- Long dryer / ovens
- UV and thermal curing
- On-site mixing of the formulation(s)
- Low to high viscosity and filled or unfilled formulations
- Thickness uniformity within  $\pm 5\%$

### Process Development Advantages:

- Experience with multiple display applications
- Product development and commercialization expertise
- Established relationships with substrate and chemical suppliers

### Custom Display Product Expertise:

- Optically clear adhesives
- Hardcoat and functional films
- Light management films
- Transparent conductive films using AgNWs, CNTs, conductive polymers, etc.
- Phosphor and quantum dot coatings
- Anti-glare, anti-Newton's ring and anti-reflection coatings



### ABOUT CARESTREAM

#### Precision, Roll-to-Roll Contract Coating Services

Carestream builds on more than 100 years of precision coating leadership to develop a wide range of products for energy storage, display, medical, optical, electronic and other advanced materials applications. Customers leverage Carestream's aqueous and solvent coating expertise at bench, pilot and production-scale manufacturing for optimal product design, technology integration and support. Carestream also 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 **Corinne Ladous** at [info@tollcoating.com](mailto:info@tollcoating.com) to learn how Carestream can economically move your display products from concept to full production.