Durable Protection Films for Medical Devices

Die Cut Films Offer Medical Equipment Manufacturers Lifetime Protection and Screen Enhancement for Device Housing, Permanent and Semi-Permanent Displays

In medical environments, LCD displays are exposed to harsh environments on a daily basis. Protecting displays helps prevent damage, saving both end users and manufacturers from expensive warranty and repair costs. With the increased use of portable devices for medical monitoring, glare has also become an increasing obstacle to consider. Fabrico Medical’s specialty die cut protection films can offer assurance of long term device protection beginning on the production floor and lasting through the life of the product.

Why Use Protection Films?

Die-Cut protection films add a barrier of protection to your medical device investments. Protected displays stand up against the rigors of everyday use and look like new longer. These films offer optical clarity and can provide equal to or greater than 92% transmission to keep displays bright and vivid, with no color distortion. These films are easy to apply and remove, they feature residue-free adhesives and can be custom-cut by Fabrico Medical to fit a variety of display screens.

The addition of Fabrico durable protection film is just a fraction of the cost of repair or replacement of a damaged display. These products can also improve readability of the device screen in brightly lit medical environments.
Protection Film Product Features

Fabrico Medical’s product protection films can be applied by the manufacturer during the production cycle to protect exposed surfaces during shipment. These easily applied die cut film parts can then be removed by the end user to provide assurance that the device is in perfect condition upon first use thereby reducing expensive product returns. For lifetime use protection, Fabrico Medical’s semi-permanent and permanent protective films offer the following benefits:

• Durable hardcoats protect against damage
• High clarity, sleek, glossy finish
• High-tech adhesive minimizes minor scratches and scuffs
• Optically clear, ultra-thin film offers greater than 92% transmission and no color distortion
• Stay-clean edges
• Easy-to-clean surface
• Easy on, easy off. Easy to apply and leaves no residue when removed

Selecting the Right Converter

Fabrico Medical’s design engineers can assist medical or contract manufacturers with building the flexible components for these devices. Various materials converting capabilities for body worn devices include custom design solutions for applications that require slitting, laminating, die-cutting, and more. Laser die-cutting, kiss-cut and water jet die-cutting are also available depending on the application requirements and materials being used. With more than 30 years of materials experience, Fabrico Medical engineers also understand the impact of a material selection on the overall manufacturing process, and design material systems that optimize production efficiency and improve overall cost-effectiveness.

About Fabrico Medical

Fabrico Medical is a leader in engineered material solutions for the medical market, with experience in a broad range of applications, including device and diagnostic equipment, disposables, wound care, microfluidics, body worn devices, and packaging. Fabrico Medical has developed a track record of solving unique challenges and providing sound customer solutions. The company offers a wide range of R&D, fabrication, prototyping, and converting services for medical OEMs and contract manufacturers.