



Infection Prevention

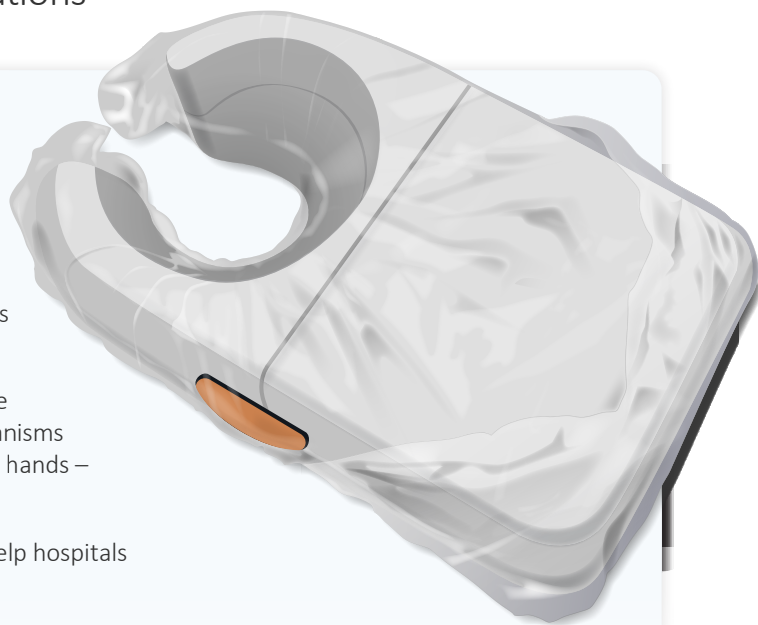
Engineering innovation and design expertise for your custom-shaped medical device cover applications

The transportable nature of mobile computer carts, ultrasound equipment, tablets, and other point-of-care medical devices make them dynamic and highly usable for the modern medical workplace. Unfortunately, however, it also exposes them to more bacteria, viruses, and other unwanted infectious particles as they move between locations within the hospital.

Studies have shown that left unprotected, these transportable medical devices can become reservoirs for harmful microorganisms to cross-transmit from the device to your healthcare workers' hands – and finally – to the patient.

Vonco offers custom, form-fitting, disposable protection to help hospitals ensure life-saving infection control where it's needed most:

- Stationary point-of-care devices
- Mobile reusable devices



Visit www.vonco.com to learn more



When your medical equipment and devices need protection, Vonco's innovative infection prevention solutions provide the safe barriers needed in critical healthcare environments. From concept to commercialization, we provide the technology, creativity, experience, and innovation.

Product Features

- Tight-fitting custom shapes and sizes
- Non-PVC, single layer unsupported or barrier laminate films
- Guaranteed liquid-tight leak-proof seals
- Soft and quiet materials
- Clear, transparent, or opaque materials
- Fitment insertions
- Outer packaging including sterile barrier DuPont™ Tyvek®
- Optional clean or white room manufacturing
- Latex-free assembly

Product Specifications

Polyethylene

Low-Density Polyethylene (LDPE)

Linear Low-Density Polyethylene (LLDPE)

- Offers higher puncture, impact, and elongation properties than LDPE
- Octene LLDPE is considered the "premium" grade of LLDPE
- Butene LLDPE is considered the "economy" grade of LLDPE (not recommended in situations that require good heat-sealing strengths and puncture resistance)

Metallocene Linear Low-Density Polyethylene (mLLDPE)

- Offers excellent impact and puncture strength (higher than LLDPE)

Polypropylene (PP)

This material is food-safe and is used to manufacture products that can be run through a retort process. It is capable of enduring higher temperature environments than LDPE and LLDPE.

Coextruded Materials

Film extruders offer a wide variety of custom extruded blends of LDPE/LLDPE/mLLDPE. High quality surface layers can be downsized to use a utility blend as the core to create engineered films.

Web Handling Size & Width

Vonco recommends using a material thickness no thinner than 1-mil (0.001") to properly run through the converting equipment. In most cases, Vonco can process a film up to 6-mil (0.006").

Web widths from approximately 12" to 49"

Single wound, double wound, center-folded, tubing roll configurations

Surface treated between 40 – 42 dynes to facilitate flexographic printing

Lamination

Vonco offers lamination capabilities to create supported film structures such as pouching materials. Typically, a thin layer of polyester (PET) is bonded to either a LLDPE or PP to create a material that has engineered strengths, barrier properties, and sealing strengths. Nylon is also a material used in the lamination process coupled with a sealant layer such as LLDPE or PP. Vonco can also laminate LLDPE to LLDPE. In some cases, multiple passes through the laminator can be used to create an engineered structure.

Flexographic Printing

Vonco has two wide-web flexographic printing presses. Web widths of up to 49" can be run through our presses. Vonco offers 8-color printing utilizing process printing and/or line art printing.

Custom Converting Capabilities

Custom shaped products

Tape bags

High pressure bags

Side-weld products

Bags with fitments

About Vonco

Vonco is a contract manufacturer of liquid-tight medical devices and consumer stand up pouches. We provide fast custom design for the 'craziest' of bags with unique shapes, fitment insertions and assembly of unsupported or laminated films. With more than 60 years of experience, we have the flexibility to design and develop your bags in a fraction of the time to increase speed-to-market, lower costs and improve returns on investment.

For more information about Vonco's infection prevention solutions visit www.vonco.com, call: 800.323.9077 or email sales@vonco.com.

