

Extruded Films

Scapa Medical offers a broad range of high-tech thin films. Product offerings include films that are optimized for maximum moisture vapor transmission and minimum co-efficient of friction for your advanced wound care design. We can also extrusion-laminate breathable, waterproof coatings onto lightweight non-wovens for infection control applications.

Capabilities

- Manufacture of single or multi-layer films from 0.5 to 4 mils (12 microns to 200 microns), up to 72 inches (183 cm) wide
- Gravimetric feed section with pharmaceutical accuracy for inclusion of additives ranging from pigments to antimicrobials
- Substrates include: polyester films and polypropylene films down to 0.5 mils (12 microns); non-wovens; woven fabrics; paper from 30 to 120 lbs./ream (49 to 196 gsm)
- Film thicknesses from 0.5 mils (12 microns) pinhole-free
- Film production from resins with melt viscosities from 2 to 400 based on the same or two different compounds in 3 layers at speeds up to 850 feet (approximately 260 meters) per minute in either jumbo or slit rolls
- Scapa's unique sheet-cast process enables direct foaming onto our films
- Positive pressure cleanroom environment

Products

- Bioflex[®] high moisture vapor transmission/low co-efficient of friction thin films, including polyurethanes, copolyester, Pebax[®] and Hytrel[®]
- Custom compounded additives
- Breathable/waterproof non-wovens
- Non-sensitizing pressure sensitive adhesive coatings
- Thin film delivery systems

Medical Applications

- Wound care
- IV site dressings
- Topical delivery systems
- Breathable/barrier surgical gowns
- Ostomy care
- Surgical incise drapes
- Transdermal delivery systems

For the expertise and resources you need, call us.

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