

Corporate Overview

Scapa Medical is a fully integrated, world-wide supplier of customised component materials and converted products for the medical device, wound care, hospital, pharmaceutical and health/beauty care industries.

Our expertise in adhesive coating, materials manufacturing and converting results in unmatched technical engineering and manufacturing capabilities. We provide a wide range of customised products, both coated and uncoated, to fit a variety of specialty medical applications.

Capabilities

- Adhesive coating and calendering
- PVC and PU foam manufacturing
- Custom film extrusion and casting
- Rotary and flat bed cutting
- Lamination and printing

Materials

- PE, PU and PVC foams
- Woven fabrics
- Non-wovens fabrics
- Hydrocolloids and hydrogels
- High MVTR films
- Polyester and PE films
- Acrylic, synthetic and natural rubber, silicone and PU adhesives

Applications

- Professional wound dressings
- Ostomy and incontinence management
- Consumer bandages and dressings
- ECG electrodes and medical electronics
- Medical device fixation
- Microplate seals
- Pulse oximetry and gas monitoring
- IV site dressings
- Drug infusion and transdermal delivery systems
- Medical diagnostic testing
- Cosmeceutical delivery systems
- Surgical gowns and drapes

Quality

All Scapa medical products are manufactured in ISO13485 and/or ISO9001 registered facilities.



For the expertise and resources you need, call us.

■ Europe

Unit 15 Woodside Industrial Estate
Humphrys Road
Dunstable, LU5 4TP
United Kingdom
+44 (0)1582 478 111

■ North America

111 Great Pond Drive
Windsor, Connecticut 06095
USA
+1 800.688.8000

www.scapamedical.com

eu.medical@scapa.com

M E D I C A L



Foam Manufacturing

Scapa Medical has more than 20 years of experience in the design and manufacture of quality standard and custom foam products for the wound care, ostomy, consumer care, electrode, diagnostic testing and catheter securement markets. Our product lines incorporate PU, PE and PVC foams coated with a variety of proven skin-friendly adhesives. The PVC and PU foams are available in custom colours, as well as dry, single and double coated with adhesive. The foams can be delivered as jumbo rolls, slit rolls or as die-cut parts.

Polyurethane (PU) Foams

These predominately closed cell foams provide excellent moisture-vapour permeability (both dry or with adhesive) in a soft, flexible, and conformable membrane. Incorporated into many professional and consumer woundcare products, these foams have become the chosen backing membrane for many leading woundcare products. They are available in 0.4 to 2 mm thickness and in roll widths up to 1500mm.

Polyvinyl Chloride (PVC) Foams

Scapa medical-grade PVC foams contain non-migratory, non-phthalate plasticisers. The cell structure can be controlled to vary mechanical performance, such as the cushioning effect. They are available in 0.4 to 12 mm thickness and in roll widths up to 1250mm.

Polyethylene (PE) Foams

Our PE foams can be modified with EVA to add softness and extensibility. These foams are ideal for short-term contact to skin. They are available in 0.4 to 3 mm thickness and in roll widths up to 1500mm.



For the expertise and resources you need, call us.

■ Europe

Unit 15 Woodside Industrial Estate
Humphrys Road
Dunstable, LU5 4TP
United Kingdom
+44 (0)1582 478 111

■ North America

111 Great Pond Drive
Windsor, Connecticut 06095
USA
+1 800.688.8000

www.scapamedical.com

eu.medical@scapa.com

M E D I C A L



Film Manufacturing

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

Capabilities

Extruded films

- Manufacture of single or multi-layer films from 12 to 200 microns, up to 183 cm wide
- Gravimetric feed section with pharmaceutical accuracy for inclusion of additives ranging from pigments to antimicrobials
- Substrates include: Polyester films and PP films down to 12 microns; non-wovens; woven fabrics; paper from 49 to 196 gsm
- Film thicknesses from 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 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

Cast films

- Manufacture of single or double-layer films from 10 to 100 microns, up to 1500 mm wide
- Pinhole-free dual layer films from 18 micron thick
- Formulation control enables customer developments on colours, additives and film properties such as co-efficient of friction, conformability and surface finish
- Capability to produce breathable, high MVTR films or ones that are occlusive
- Capability to laminate films directly onto other substrates, such as foams and non-wovens

Products

- Bioflex[®] high moisture vapour transmission / low co-efficient of friction thin films, including PU, co-Polyester, Pebax[®] and Hytrel[®]
- Custom compounded additives, including antimicrobials
- Breathable/waterproof non-wovens
- Thin film delivery systems
- Bacteria barriers



For the expertise and resources you need, call us.

■ Europe

Unit 15 Woodside Industrial Estate
Humphrys Road
Dunstable, LU5 4TP
United Kingdom
+44 (0)1582 478 111

■ North America

111 Great Pond Drive
Windsor, Connecticut 06095
USA
+1 800.688.8000

www.scapamedical.com

eu.medical@scapa.com

M E D I C A L



Adhesive Coating

Scapa Medical offers the coating expertise of some of the world's best adhesive chemists from facilities in Europe, North America and Asia. We will help you define your requirements and source the Scapa adhesive system that best meets your application needs.

The Scapa Medical product line features a selection of skin-friendly adhesive-coated products, plus a variety of versatile assembly adhesives custom slit to your specifications. If we don't have what you need in our standard product range, we'll design a special construction to meet your requirements. Our adhesive technologies include:

- Solvent-based acrylic
- Emulsion-based acrylic
- Synthetic rubber
- Polyurethane
- Silicone
- Hydrocolloid

These adhesive systems can be supplied coated onto either Scapa produced or sourced substrates, or on customer supplied substrates. They can be supplied as single, double coated products or as transfer adhesives. In addition, some of our adhesives can be coated to obtain a discontinuous or pattern coating.

All Scapa products are coated in ISO13485 and/or ISO 9001 registered facilities under the watchful eye of a management team dedicated to manufacturing and supplying outstanding products. Complete confidentiality is assured.



For the expertise and resources you need, call us.

■ **Europe**

Unit 15 Woodside Industrial Estate
Humphrys Road
Dunstable, LU5 4TP
United Kingdom

+44 (0)1582 478 111

■ **North America**

111 Great Pond Drive
Windsor, Connecticut 06095
USA

+1 800.688.8000

www.scapamedical.com

eu.medical@scapa.com

M E D I C A L



Converting

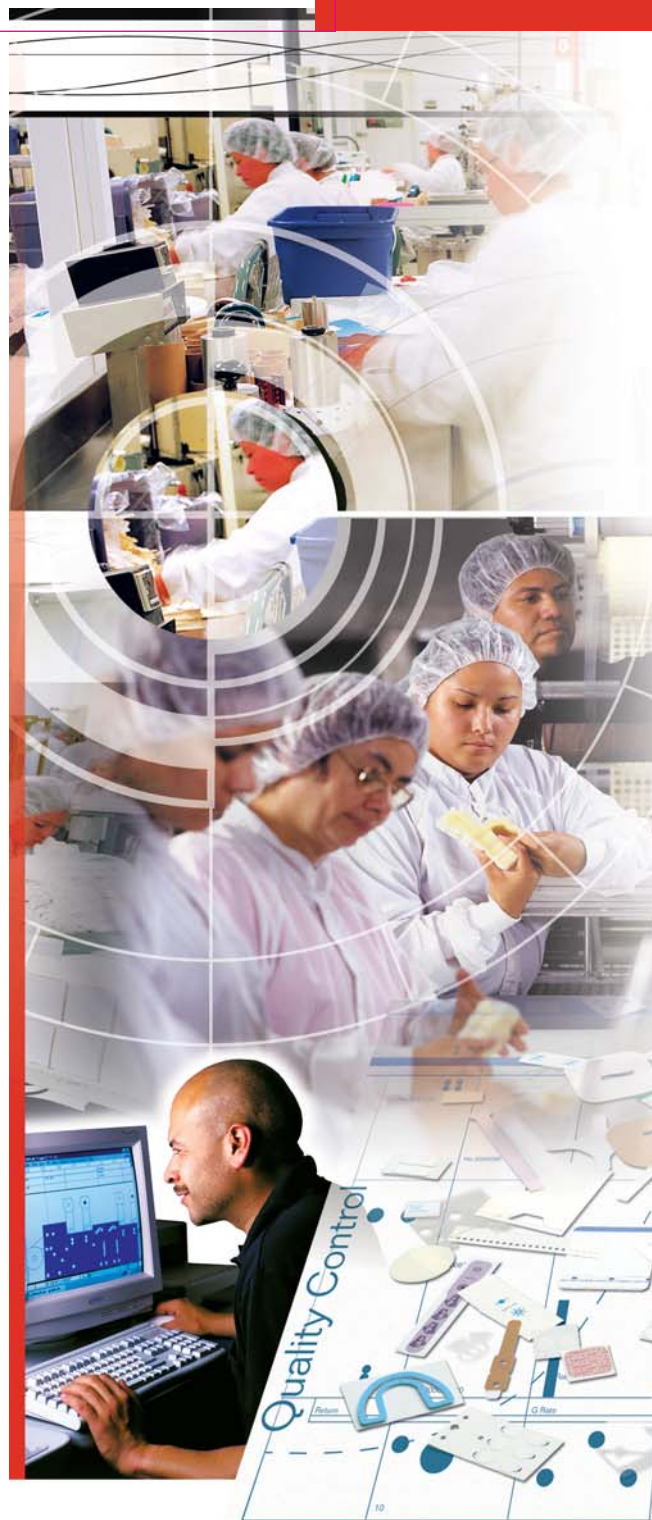
Scapa Medical is your fully integrated resource for the design and manufacture of quality pressure sensitive products for the medical device industry. We're committed to finding the most effective solution for your application challenges, whether we manufacture your product from materials produced entirely within the Scapa group of companies or recommend a material from one of our other medical component partners. Our total involvement in your project assures you of a product that is well designed, economical, efficient, convenient for the practitioner, and friendly to your patient's skin.

At Scapa Medical, we can provide the right material for your application from our extensive line of commercially available products or work with you to design your own custom construction. Products include:

- Skin-friendly adhesive-coated products
- Hydrogels and hydrocolloids
- Non-woven, woven and elastic fabrics
- Occlusive and breathable films
- PE, PVC, and PU foams

Scapa Medical will turn your concept into reality, from design assistance to prototyping through full-scale production. You can feel confident that your products are manufactured to the most rigorous regulatory demands of today's device and pharmaceutical marketplace. Our coating and converting facilities world-wide registered to ISO 13485 and/or ISO9001 standards and we operate Class 100,000 and 10,000 clean rooms in the USA and Europe. Our capabilities include:

- Design and prototyping
- Multi-layer laminating
- Island placement
- Flexographic printing
- Precision rotary die cutting
- Packaging



For the expertise and resources you need, call us.

■ Europe

Unit 15 Woodside Industrial Estate
Humphrys Road
Dunstable, LU5 4TP
United Kingdom
+44 (0)1582 478 111

■ North America

111 Great Pond Drive
Windsor, Connecticut 06095
USA
+1 800.688.8000

M E D I C A L



www.scapamedical.com
eu.medical@scapa.com



For the expertise and resources you need, call us.

■ **Europe**

Unit 15 Woodside Industrial Estate
Humphrys Road
Dunstable, LU5 4TP
United Kingdom

+44 (0)1582 478 111

■ **North America**

111 Great Pond Drive
Windsor, Connecticut 06095
USA

+1 800.688.8000

www.scapamedical.com

eu.medical@scapa.com

Electrodes

Scapa Medical has been manufacturing adhesive coating substrates for Medical Electrode applications for more than ten years. We can supply a wide range of substrates, such as foams, films and non-wovens, either with or without a pressure sensitive adhesive coating. Both substrates and adhesives, either used in isolation or in combination, can be designed to meet application requirements, for example; long-term wear, trauma-free removal or electrical conductivity.

Typical substrates and adhesives that we offer include:

Substrates

- Foams: PE and PVC
- Films: PE and EVA
- Non-wovens: Polyester and PE
- Fabrics: Tricot and Elastic

Adhesives

- Acrylic
- Synthetic rubber
- Silicone

Typical Electrode applications where Scapa materials are used include:

- Monitoring
- Stress test
- Holter
- Neonate
- Grounding plates

Our products have been developed to fulfil the essential requirements of electrode applications, such as:

- Medical grade, skin-friendly adhesive systems
- Conformable substrates
- Secure adhesion to the skin
- No adhesive residue after removal
- Compatibility with electrode hydrogel

All of our products can be supplied in master rolls or pre-slit to customer requirements. Alternatively, we can provide our customers a conversion service allowing us to offer die-cut parts using either Scapa manufactured products or customer supplied materials.

M E D I C A L





Ostomy

Using substrate manufacturing and adhesive coating capabilities from around the world, Scapa Medical has built-up many years' worth of experience supplying materials to manufacturers of ostomy products. From multi-national global organisations to the smaller specialist manufacturer, Scapa Medical has the process capability, product range and services to meet the needs of all manufacturers within this industry.

Typical substrates and adhesives that we offer include:

Substrates

- PE foams
- Films: PE, PU, EVA, Co-PET
- Non-wovens: PE, Polyester and EVA coated Polyester

Adhesives

- Acrylic
- Silicone gel
- Synthetic rubber
- Polyurethane (PU)

Typical Ostomy applications where Scapa materials are used include:

- Backing of hydrocolloid ostomy flanges
- Fixation of ostomy flanges onto the skin
- Construction of 1-piece and 2-piece flange systems
- Secondary flange securement

Our products have been developed to fulfil the essential requirements of ostomy applications, such as:

- Medical grade, skin friendly adhesives which offer low skin trauma upon removal
- Conformability to body contours
- Secure sealing of the hydrocolloid flange onto the ostomy bag using heat-reactive adhesive systems or low-melt temperature films
- High peel and shear adhesive properties for use in the assembly of 2-piece flange systems
- High MVTR products to increase wear time
- Water repellency, easy to clean substrates

All of our products can be supplied in master rolls or pre-slit to customer requirements. Alternatively, we can provide our customers a conversion service allowing us to offer die-cut parts using either Scapa manufactured products or customer supplied materials.

For the expertise and resources you need, call us.

■ Europe

Unit 15 Woodside Industrial Estate
Humphrys Road
Dunstable, LU5 4TP
United Kingdom

+44 (0)1582 478 111

■ North America

111 Great Pond Drive
Windsor, Connecticut 06095
USA

+1 800.688.8000

www.scapamedical.com

eu.medical@scapa.com



M E D I C A L



Professional Woundcare

With film and foam manufacturing capabilities as well as a range of both standard and unique skin friendly adhesives, Scapa Medical has been an established supplier of adhesive coated products to the Professional Woundcare industry for over 20 years. Our wide range of process capabilities allows us to offer customers a bespoke solution to their product design needs. Whether the requirement is for a breathable wound dressing backing or a multi-laminate converted post-operative dressing, Scapa Medical has the experience, know-how and product range to help.

Typical substrates and adhesives that we offer include:

Substrates

- PU foams
- PU films
- Co-Polyester films
- Non-wovens
- PU film / foam laminates

Adhesives

- Acrylic
- Silicone
- PU
- Synthetic rubber, including Hydrocolloid

In addition, Scapa can process the above mentioned materials with the inclusion of additives such as, antimicrobials, herbal extracts or pigments.

Either in isolation or combination, these substrates and adhesives can be used in the construction of various dressing types including:

- Foam
- Hydrocolloid
- Alginate
- Hydrogel
- Film
- Secondary dressings

Our products have been developed to fulfil the essential requirements of professional wound care applications, such as:

- Medical grade skin friendly adhesives
- Highly breathable substrates and adhesives
- Low coefficient of friction
- Secure adhesion to the skin
- Gentle / low skin trauma removal
- Thin, discrete and conformable
- Repositionable
- Sterilisation compatibility

All of our products can be supplied in master rolls or pre-slit to customer requirements. Alternatively, we can provide our customers a conversion service allowing us to offer die-cut parts using either Scapa manufactured products or customer supplied materials.

For the expertise and resources you need, call us.

■ **Europe**

Unit 15 Woodside Industrial Estate
Humphrys Road
Dunstable, LU5 4TP
United Kingdom

+44 (0)1582 478 111

■ **North America**

111 Great Pond Drive
Windsor, Connecticut 06095
USA

+1 800.688.8000

www.scapamedical.com

eu.medical@scapa.com

M E D I C A L



Consumer Healthcare

As a global supplier of non-adhesive and adhesive coated flexible medical materials, Scapa Medical has a product to meet the demands of customers within the consumer healthcare industry. We do recognise however that the needs of customers within this industry do vary. Some require non-adhesive coated substrates, such as a printed film or foam, for in-house adhesive coating, while others require pre-adhesive coated substrates for conversion into end-user products. Alternatively, some customers require a fully finished product, converted and packed according to their own design. Scapa Medical has the capability to meet all of these needs, providing a solution that satisfies customer demands, no matter how diverse.

Typical substrates and adhesives that we offer include:

Substrates

- Foams: PU, PVC, PE
- Films: PU, PE, Co-Polyester
- Non-wovens
- Fabrics

Adhesives

- Acrylic
- Silicone gel
- Hydrocolloid
- Polyurethane
- Synthetic rubber
- Zinc oxide

In addition, Scapa can process the above mentioned materials with the inclusion of additives such as, antimicrobials, herbal extracts or pigments.

In isolation or combination, these substrates and adhesive technologies can be used in a variety of consumer healthcare applications, including:

- Finger bandages and plasters for minor cuts & grazes
- Blister plasters
- Scar management
- Foot care products
- Cosmetic patches
- Therapeutic transdermal patches

Our products have been developed to fulfil the essential requirements of consumer health care applications, such as:

- Medical grade skin friendly adhesives
- High MVTR films and foams
- Perforated substrates
- Occlusive products
- Good adhesion to skin
- Gentle / low skin trauma removal
- Printable substrates

All of our products can be supplied in master rolls or pre-slit to customer requirements. Alternatively, we can provide our customers a conversion service allowing us to offer die-cut parts using either Scapa manufactured products or customer supplied materials.

M E D I C A L



For the expertise and resources you need, call us.

■ Europe

Unit 15 Woodside Industrial Estate
Humphrys Road
Dunstable, LU5 4TP
United Kingdom

+44 (0)1582 478 111

■ North America

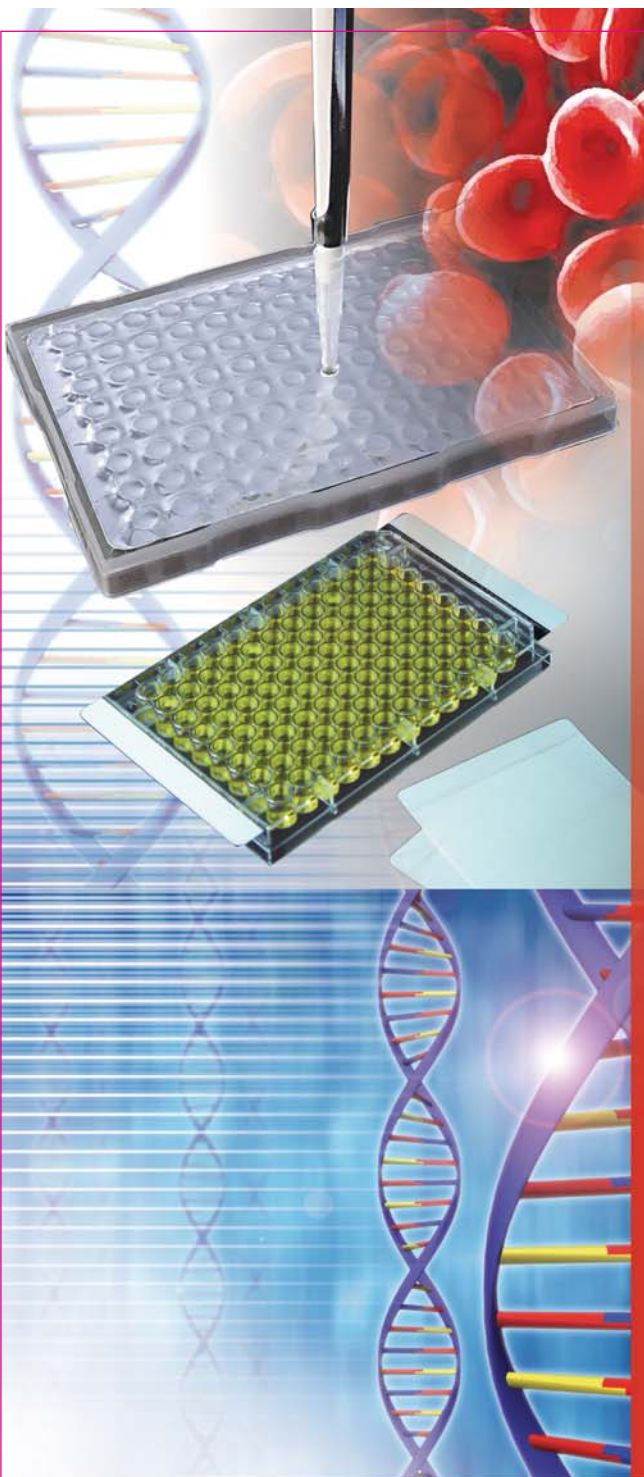
111 Great Pond Drive
Windsor, Connecticut 06095
USA

+1 800.688.8000

www.scapamedical.com

eu.medical@scapa.com





Microplate Sealing

Based on many years of adhesive coating experience, Scapa has been able to develop products that satisfy the demanding requirements of the life sciences market. Our in-depth knowledge of coating technologies, adhesive types and substrate performance has enabled Scapa to react quickly to the development needs of customers within this fast moving sector of the industry.

Typical substrates and adhesives that we offer include:

Substrates

- Films: Polyolefin, Polyester, EVA
- Aluminium foils
- Gas permeable substrates

Adhesives

- Acrylic
- Silicone
- Synthetic rubber, including PIB

In combination, these substrates and adhesives can be used in the following applications:

- PCR
- QPCR
- Storage and transport
- Immunology assays
- Cell culture

Our products have been developed to fulfil the essential requirements of micro-plate sealing applications such as:

- Optical clarity for fluorescence applications
- Light occlusion for light sensitive samples
- Gas permeability for cell culture
- Effective sealing to prevent evaporation loss
- Adhesive bond sealing performance to avoid well to well contamination
- No adhesive residue left on plate
- Pierceable to recover samples
- Solvent resistance including DMSO resistance
- Temperature resistance from -40°C up to +220°C

All of our products can be supplied in master rolls or pre-slit to customer requirements. Alternatively, we can provide our customers a conversion service allowing us to offer ready-to use microplate seals, as specified in your design, and packed according to your specifications.

For the expertise and resources you need, call us.

■ Europe

Unit 15 Woodside Industrial Estate
Humphrys Road
Dunstable, LU5 4TP
United Kingdom

+44 (0)1582 478 111

■ North America

111 Great Pond Drive
Windsor, Connecticut 06095
USA

+1 800.688.8000

www.scapamedical.com

eu.medical@scapa.com



M E D I C A L

