



Skin Friendly  
Solutions





# Scapa Medical Business Unit

Scapa is a global provider to the medical industry, delivering turnkey skin friendly solutions. We manage all aspects of product development, from raw materials, coating and converting through to sterilised, packaged products. Every solution is developed with end user comfort in mind. Our product solutions are used in medical device markets such as advanced wound care, drug delivery, consumer healthcare, ostomy and surgical.

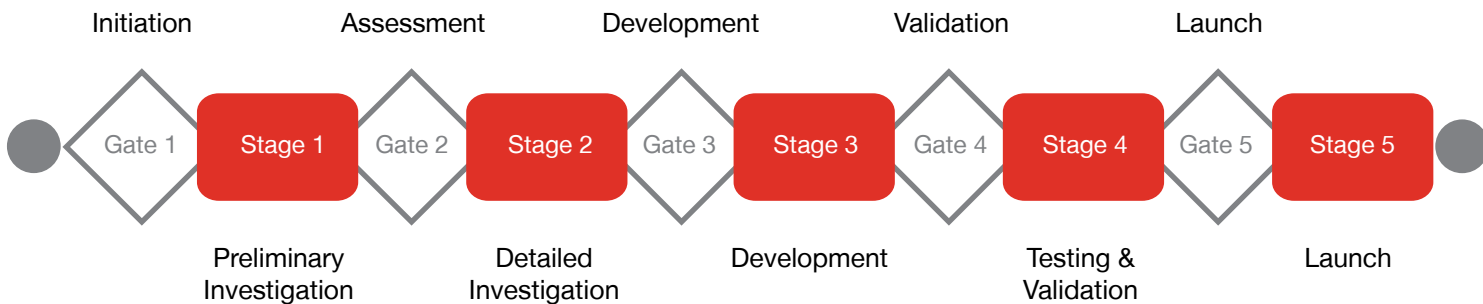
Scapa's expertise in product development means we are the ideal partner in the medical industry.

## Why Scapa?

- Expert support and advice during new product projects, offering skin friendly solutions to aid wound healing, device fixation and end user comfort.
- Our coating and converting facilities world wide are registered to ISO 13485 and/or ISO 9001 standards, operating from Class 100,000 and 10,000 clean rooms in the USA and Europe.
- Our medical production sites in North America have FDA registration, and comply with the latest manufacturing practices required.
- We can provide our customers a rapid prototyping and conversion service, allowing us to offer die-cut parts using either Scapa manufactured or customer supplied/specified materials.



# Development Partner



Scapa's Medical Team uses the above gating process. We will help to optimise the efficiency of your new product development and provide advice throughout.

Being involved at the idea phase, Scapa can work with you to understand the requirements of the end market. We will then be able to help develop the product design using our material and application expertise.



# Turnkey Solutions



The Medical Team at Scapa has the knowledge and capabilities to assist throughout new medical product projects. Through early involvement, Scapa adds value to your project by providing market and product knowledge during the process.

When partnering with Scapa, you are assigned a co-ordinated team of medical product development experts to handle all aspects of your project.

The team starts with your sales representative, then encompasses all disciplines in Scapa, including: your project manager, application engineers, quality engineers, operations specialists and customer care specialists.

You will have access to every medical expert to answer your specialist requirements.



# Turnkey Solutions

Project  
Management

Material

Coating

Converting

Packaging &  
Sterilisation

Scapa's product offering incorporates PU, PE and PVC foams coated with a variety of proven skin friendly adhesives. The PVC and PU foams can be customised: custom colours are available, foams can be provided either dry, single coated or double coated with adhesive. The foams can be delivered as jumbo rolls, slit rolls or as die-cut parts.

Scapa also offers a broad range of medical grade wovens, non-wovens and thin films. This includes films which are optimised for required moisture vapour transmission rate and minimum co-efficient of friction for advanced wound care designs.

We can also extrusion-laminate breathable, waterproof coatings onto a variety of different substrates, including lightweight non-wovens for infection control applications.





# Turnkey Solutions

Project  
Management

Material

Coating

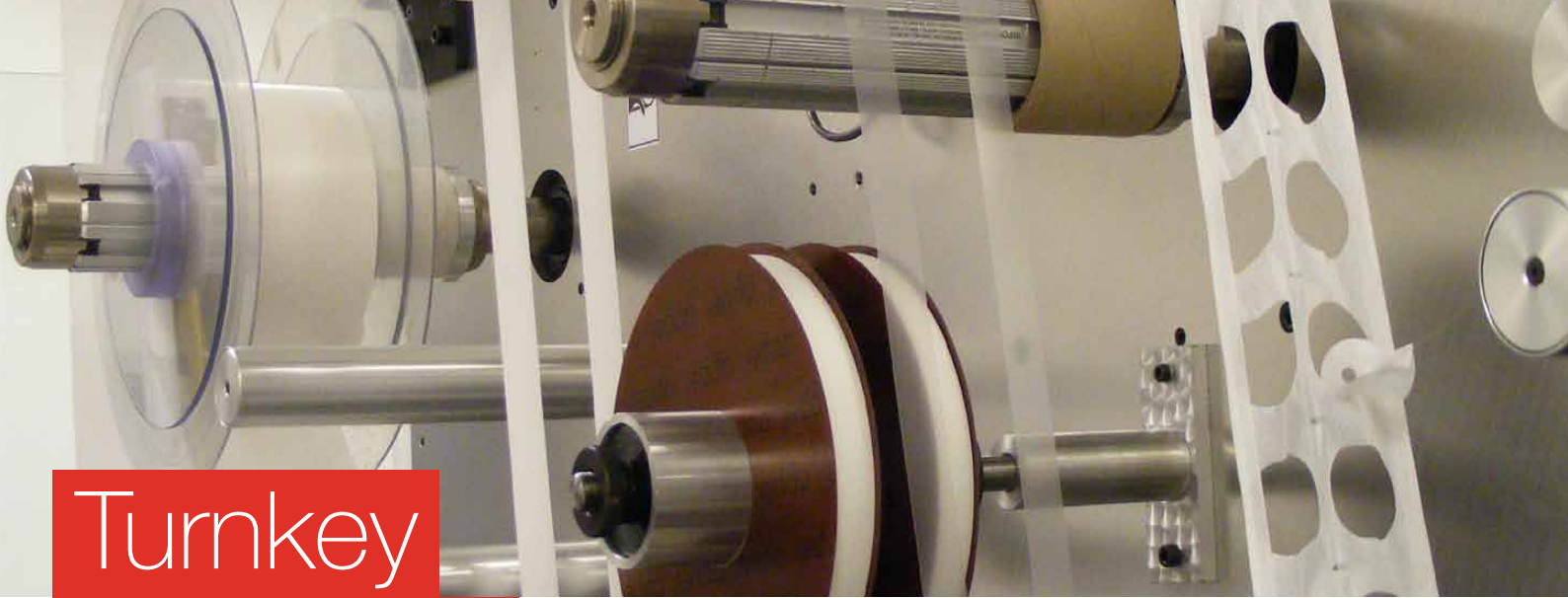
Converting

Packaging &  
Sterilisation

Scapa will help you define your requirements and source the adhesive system that best meets your application needs. Scapa's product offering 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 will design a special construction to meet your requirements. Our adhesive technologies include:

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

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 or double coated products or, in some cases, as transfer adhesives. In addition, some of our adhesives can be coated to obtain a discontinuous or pattern coating. Complete confidentiality is assured.



# Turnkey Solutions

Project  
Management

Material

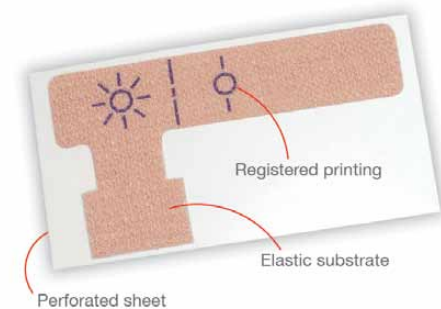
Coating

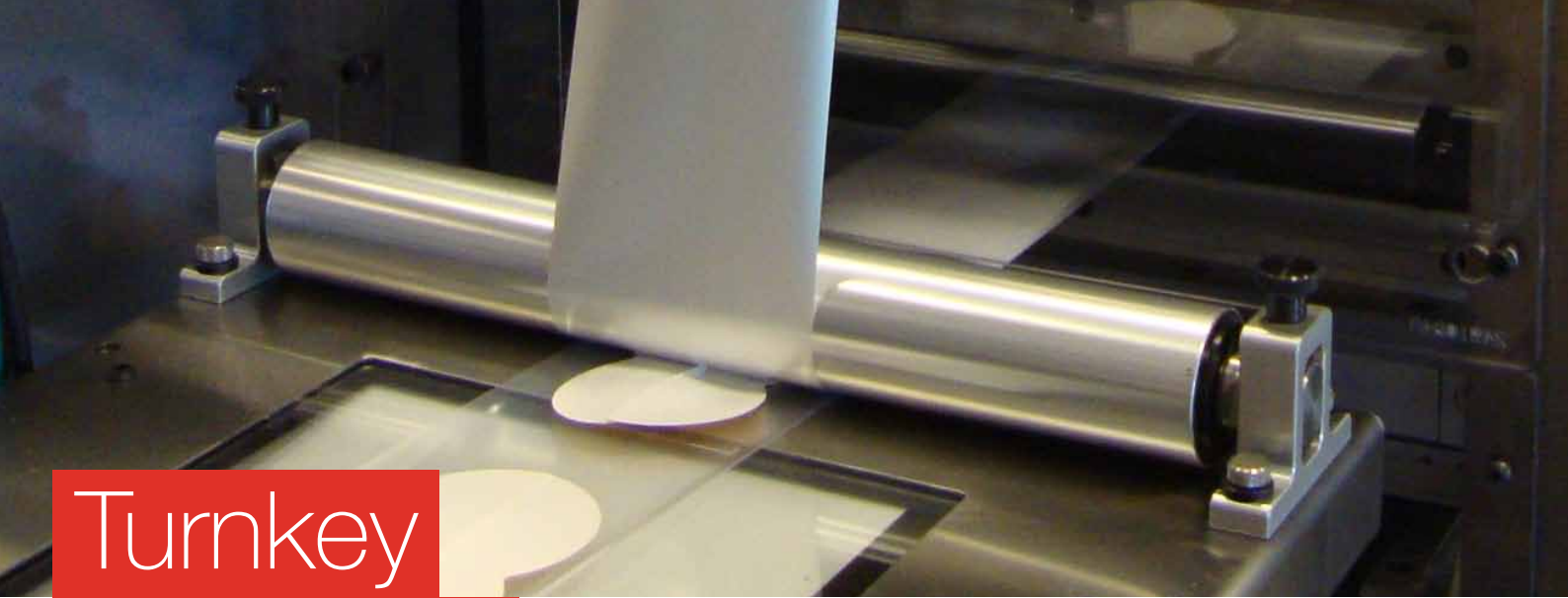
Converting

Packaging &  
Sterilisation

Scapa will turn your concept into reality, from design assistance to rapid prototyping, through to 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.

Scapa has two servo driven converting machines in Dunstable, UK, and Inglewood, USA. Servo control ensures that production on the machines can be as fast as well as ultra-accurate. This allows Scapa to produce complex, multi-layered items to very tight dimensional tolerances in repeatable processes. The incorporation of island placement equipment on both machines, and laser kiss / die-cutting on the Inglewood machine, ensures that Scapa is well equipped to handle even the most complex conversion opportunities.





# Turnkey Solutions

Project  
Management

Material

Coating

Converting

Packaging &  
Sterilisation

Scapa offers a variety of high quality packaging solutions to match your specifications. Our global manufacturing capabilities allow Scapa to automate pouching, in-line heat or cold sealing and labelling.

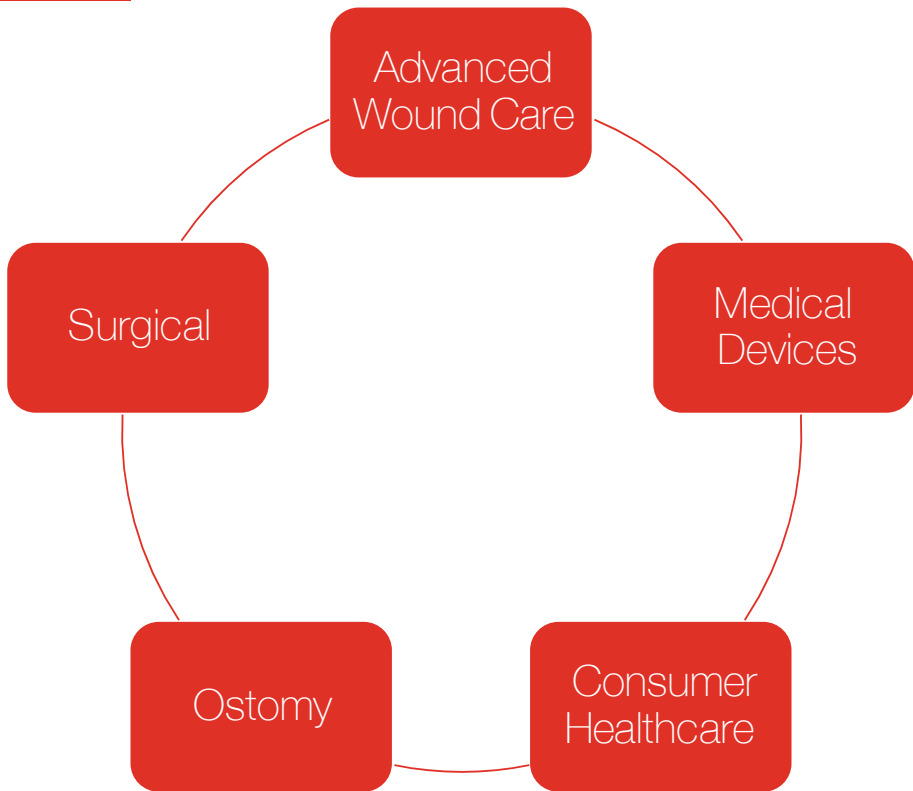
Scapa offers printing techniques that allow you to customise the product and packaging designs. Your designs can be applied to materials and components, or we can provide a label service.

Scapa works with clients to ensure all sterilisation specifications are met and incorporated in to product design, material conversion and packaging.

Our Operations Team is always available to discuss your packaging requirements.



# Our Markets





# Advanced Wound Care

Advanced Wound Care products are increasingly used in the management of chronic or difficult to heal wounds. Aging populations and the rapid increase in incidence of Type II diabetes are just two of the factors leading to growth in the number of patients with chronic wounds.

Our wide range of process capabilities allows us to offer customers a bespoke solution to their product design needs. Scapa has the competencies and technology to help with any requirement of finished breathable wound dressings or component materials.

## Key Applications & Products

- **Low trauma dressings** – we have the capability to coat PU and silicone gel adhesive, which offers low pain upon removal and low wound/skin trauma. The silicone gel can be repositioned without losing the bond strength.
- **Wound dressing backing** – we provide a range of PU films, foams and film/foam laminates that offer high MVTR, fluid barrier properties, conformability and aesthetics required for wound dressing backings. Our solutions are supplied either dry for borderless dressings, or coated with a variety of adhesive systems for border dressing applications.
- **High MVTR solutions** – we have the capability to coat PU adhesive systems or pattern coat acrylic adhesives. This enables the dressing to retain the high MVTR of the backing material to provide optimal moisture balance in the wound, or increase the dressing wear time.
- **Antimicrobial dressings** – we have the capability to include antimicrobial additives in the dressing material or adhesive systems to help infection control.



# Medical Devices & Drug Delivery

Manufacturers are creating smaller, more technically advanced diagnostic devices, each with a requirement for high quality IVD test strips. Adhesive tapes offer many advantages for manufacturing test strips. They are easier and faster to apply, and do not damage other test strip components. Tapes are also able to generate a sufficient and well defined thickness of the test strip.

Scapa's solutions provide accurate layering, bonding and fixation properties within medical devices. We also provide a range of skin friendly solutions for transdermal drug delivery systems.

## Key Applications & Products

- **Infusion set plasters** – single sided non-woven tapes which offer high conformability for patient comfort. High MVTR for extended wear time.
- **Transdermal drug delivery devices** – various components from backing materials to complex multilayer parts.
- **Diagnostic strips** – double sided spacer tapes with controlled thickness for the creation of accurate capillary channel heights, good resistance to biological fluids and good bond to diagnostic devices plastic materials.
- **Pulse Oximetry** - adhesive coated fabrics, films, and metalized films, provided in roll form or as converted component parts, for the fixation of single patient use adhesive sensors..



# Consumer Healthcare

Consumer Healthcare products, including first aid and personal/skin care products, can be found in every household. Products are becoming more and more sophisticated: faster healing antiseptic plasters, medicated corn plasters and heel cushions have become commonplace.

Scapa has product solutions to meet the demands of customers in the consumer healthcare industry. We provide a range of skin friendly solutions for blisters, burns, scars and warts, as well as nasal dilators and cosmetic patches.

## Key Applications & Products

- **Scar reduction sheet** – skin friendly silicone gel adhesive which is gentle, discrete and repositionable, and is known to improve hypertrophic scar appearance.
- **Converted products** - using a broad range of component materials, we manufacture nasal dilators, wart removers, blister plasters and cosmetic patches.
- **First aid plasters** – adhesive coated films, foams, non-woven or fabrics to cover a broad range of plaster types, from cushioning to waterproof.
- **Advanced plasters** - breathable, adhesive coated PU films for blister and burn plasters where no perforation is required.



# Ostomy

To ease the emotional distress and improve the daily life of patients, ostomy care is focused on achieving an optimal balance between wear time and skin integrity. This requires specialist skin friendly adhesives that do not cause irritation or damage to the skin. Biodegradable pouches are also more widely used so they can be disposed of in an environmentally friendly way.

Scapa has built up many years worth of experience supplying materials to ostomy product manufacturers. From global organisations to the smaller specialist manufacturer, Scapa has the process capability, product range and services to meet their needs.

## Key Applications & Products

- **Ostomy flange components** – single sided films, foams or non-woven that can be heat sealed onto the ostomy pouches.
- **Ostomy dressing components** – soft, breathable and conformable materials used in combination with super-absorbent island material, to temporarily cover the stoma.
- **Ostomy flange backing and fixation of ostomy flanges on to the skin** – Scapa's range of skin friendly solutions allow for easy application and removal that won't cause irritation to the user.
- **Securement components** – thin, conformable and breathable materials used for extra security over the primary flange during exercising or swimming.



# Surgical

Scapa is committed to developing solutions that will help surgical procedures run as smoothly as possible. Our range of surgical tapes use Scapa's skin friendly adhesives, creating a product that won't cause irritation or damage to the patient's skin, whilst providing resistance to operating theatre fluids.

Scapa also produces a range of tube fixation tapes, together with IV and catheter dressings, providing surgical teams with a solution for every adhesive requirement.

## Key Applications & Products

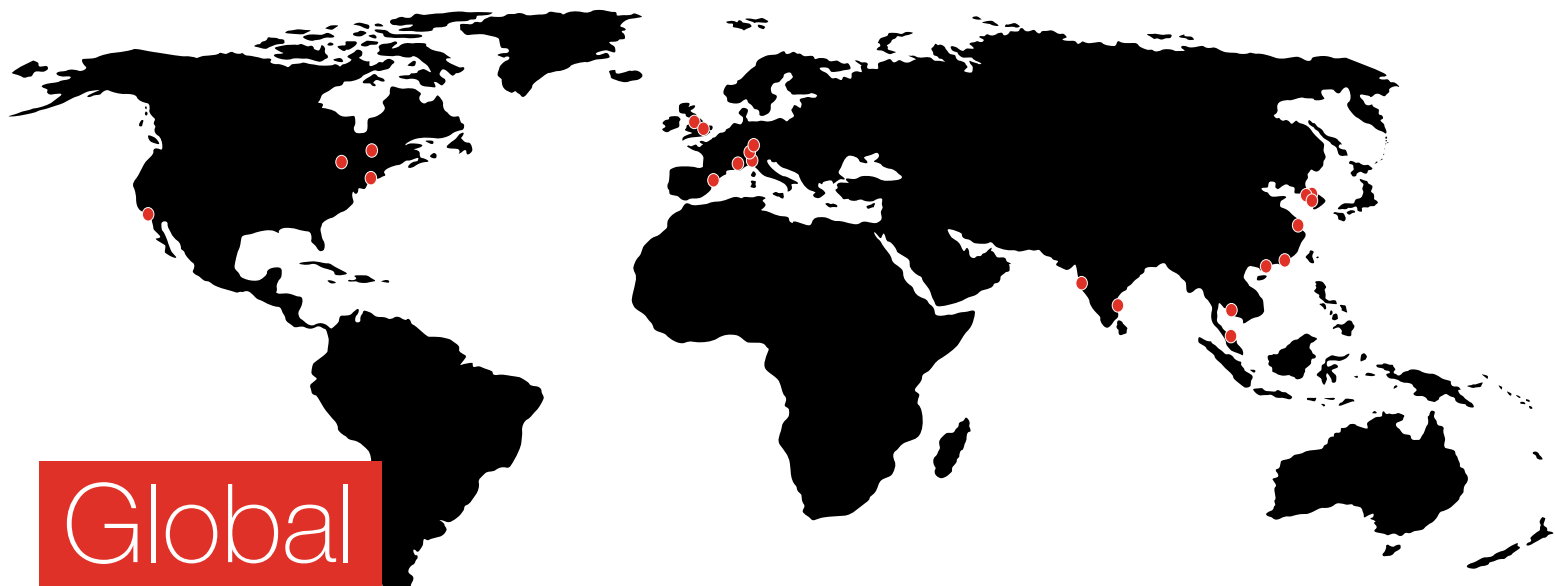
- **Surgical drapes attachment** – double sided tapes that offer a good bond to the drape material, a secure fixation onto the skin and resistance to operating theatre fluids.
- **Tubes fixation** – single sided non-woven, films or fabrics. Conformable, secure fixation to tube and skin.
- **IV/Catheter dressing** – breathable films on support carrier, as well as reinforcement tapes such as non-woven or PE foam tapes. Breathable, multi-day wear, with improved stability to avoid needle shifting. Supplied with a support carrier which acts as a handling mechanism for easy placement.



# Strategic Alliances

To compliment the range of Skin Friendly Solutions from Scapa, we have strategic alliances with other medical focused organisations.

These alliances provide Scapa with access to material technologies to compliment our current portfolio. This ensures that we are in a position to specify the most appropriate materials within your product development.



# Global Contacts

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