



# Conwed™ Square & Elastic Netting for Health and Hygiene

SWM™ is a global leader in square net and elastomeric material manufacturing with our Conwed™ portfolio of products. Our products are custom engineered to offer a variety of options for health and hygiene applications. SWM materials are unmatched in air permeability with excellent vapor and heat dissipation. Consumer comfort is our ultimate goal and our capabilities include:

- Over 50+ years of experience developing stretch, reinforcement, lamination, protection, separation, containment, grip, comfort, durability, breathability and packaging capabilities
- Complete solutions - from concept to commercialization
- Diverse customer & product portfolios
- Custom solution development and R&D expertise
- Global manufacturing and distribution
- Sustainability programs focused on reducing, recycling and reusing raw materials

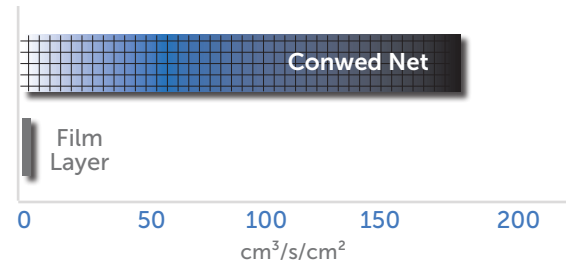
## Material Performance Advantages

Conwed square and elastic netting delivers greater comfort due to stretch, breathability and superior moisture & heat management.

### Improved Air Permeability

We measured the rate of air flow passing through a specific area, under prescribed air pressure between two surfaces of a material or composite. The higher the number, the better air permeability performance is achieved. Test results are measured in cubic centimeters per second per square centimeter\*.

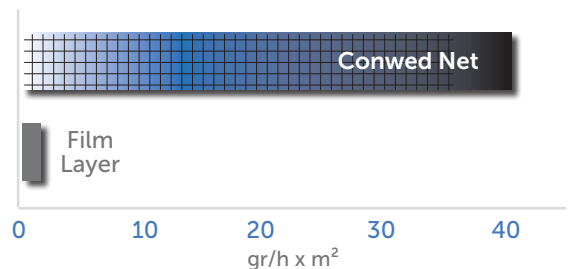
**350X**  
More air flow increases dryness via evaporation



### Increased Water Vapor Transmission (WVTR)

The passage of water vapor was measured through a material, fabric or composite. The higher the number, the better sweat management performance for the end user. Test results are measured in grams per hour multiplied by square meter\*.

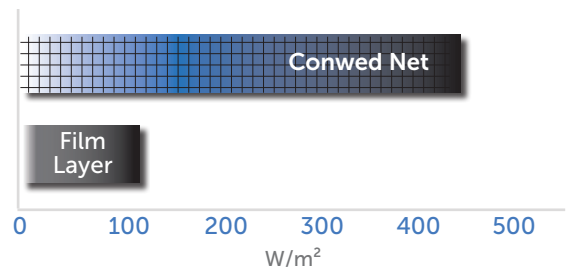
**20X**  
Higher vapor transmission protects skin surface



### Faster Heat Dissipation

The test method tracks the amount of heat transferred or dissipated through a material or composite by the combined dry and evaporative heat exchanges. The higher the number, the better release of heat to improve comfort. Test results are measured in watts per square meter\*.

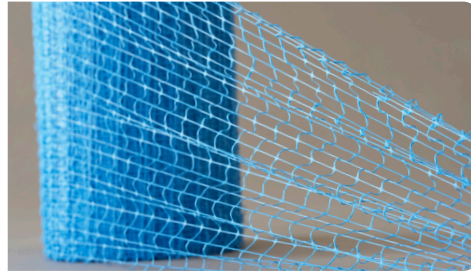
**4X**  
Faster heat dissipation improves user comfort





### Diapers and Training Pants

Conwed netting creates a superior stretch layer that expands while maintaining stability and compression.



### Disposable Cloths & Wipes

Our elastic netting technologies provide increased strength and can provide a scrubbable surface layer for disposable wipes.



### Hospital Gowns & Masks

Comfortable materials with excellent moisture and heat management performance.



### Incontinence Products

Our netting offers active people with urinary conditions a way to carry on with their lifestyles using discreet yet comfortable incontinence products.



### Pressure Bandages

Elastomeric netting can be tailored to fit a wide range of pressure bandage products that stay in place without restricting range of motion.



### Therapeutic Bandages & Wraps

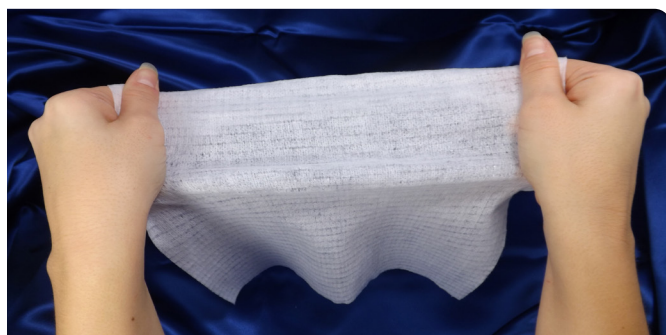
Materials can be designed to enhance heat transfer, flexibility and strength while delivering exceptional comfort, shape, durability and breathability.

## Comfort is the Ultimate Goal

### Stretch & Breathability

Conwed netting is the leading elastomeric netting used in hygiene, medical and therapeutic applications as a result of its superior stretch and recovery properties. Features and benefits include:

- Light weight
- Custom material blends
- Enhanced unwinding capabilities
- Consistent integral joints form a web structure that provides stretch properties in one or all directions
- Two dimensional integrity



### Moisture & Heat Management

Conwed elastic netting outperforms film in both:

- Moisture management - the relatively controlled movement of perspiration or water vapor from the skin surface to the atmosphere through the fabric composite
- Heat management performance - determined by measuring the amount of heat transferred through a material or composite

### Material and Design Flexibility

We offer a variety of material and designs including:

- Stretch layers for elastic waistbands, side panels and flaps or ears
- Smooth, uniform and aesthetically attractive elastic composites for smooth, discreet products
- Highly breathable mesh surfaces
- Hysteresis performance which can be customized or matched to that of other stretchable materials such as spandex, films and nonwovens
- Reduced equipment down time compared to manufacturing with elastic yarns



The SWM global infrastructure spans four continents and provides strategically placed experts and facilities to respond quickly and efficiently to rapidly evolving market needs. Our diverse product lines are recognized worldwide for their superior performance in a variety of consumer applications. Our ISO 9001, ISO 14001, ISO 50001 and OHSAS 18001 certified facilities are focused on improving the products for health and hygiene through advanced materials and technologies.



SWM locations shown (from top to bottom)  
Athens, GA, Minneapolis, MN, USA and Genk, Belgium

## About SWM

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SWM is a leading global performance materials company. We use natural fibers, resins, and polymers to provide essential solutions that enhance product performance and help our customers win in a variety of industries and applications. For further information, please visit our web site at [www.swmintl.com](http://www.swmintl.com).

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