



GENERAL

“nonwovens & composites”



www.generalnonwovens.com

📍 **Gaziantep**



About Us

- Family is active in business since early 1920's
- 4th generation is taking responsibilities
- Family is active in different field of trade and industry like automotive, insurance, textile.
- Total number of employees more than 1000
- General Nonwovens is producer of; Polypropylene (PP) Spunbond Nonwoven, Polyester (PET) Spunbond Nonwoven, Air Through Bond Nonwoven (ADL)
- Annual installed capacity of approx 40.000 mtons

📍 **Sakarya**





Our Vision

Being flexible, dynamic and diligent supplier with passion for quality, our vision is to exceed the expectations of nonwoven and composite users worldwide by utilizing the state of the art technology and providing utmost attention to extend best value to our customers.



Our Mission

Our mission is to be the preferred global partner for high performance and top quality demanding applications with strong product pipeline that addresses the needs of nonwoven fabrics industry. We will be a global, innovative and technology-driven manufacturer and supplier of engineered nonwovens at the most competitive edge.



Our Values

Quality
Quality is our indispensable

Our Customers
Our priority is our customers

Honesty
We keep our promise

Sustainability
What make us exist



Products & Technologies

- Reicofil 5+ line, SSMMS nonwovens made of Polypropylene (PP)
- Air-through bond nonwovens made of bicomponent fibers.
- Spunbond nonwovens made of polyester (PET)
- Meltblown nonwovens made of polypropylene and PBT
- Spunbond nonwovens made of PLA (polylactic-acid)
- Spunbond nonwovens made of post industrial recycle (PIR)
- Recycling of industrial plastic wastes

**INNOVATIVE
NONWOVEN
FABRIC** for
SUSTAINABLE
T O M O R R O W

Sustainability Strategy

Enhance energy efficiency across our operations to minimize natural resource consumption.

Reduce CO2 emissions by increasing the use of renewable energy sources, optimizing energy efficiency, and recycling materials to support circular economy.

Align our sustainability strategy with international environmental management standards to guide our efforts and ensure continuous improvement.

Eliminate manufacturing waste sent to landfill and promote product recyclability to support a more sustainable future.

Develop resource-efficient products that leverage cutting-edge technology and maintain high quality while minimizing raw material consumption.



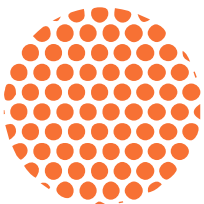
Our Brands



HyGen
Hygiene &
Personal Care



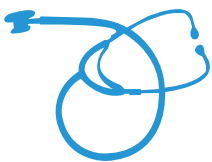
AutoGen
Automotive
Industry



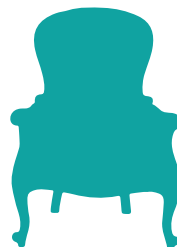
FilterGen
Filtration



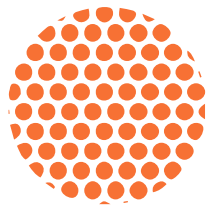
IndiGen
Industrial &
Geotextile



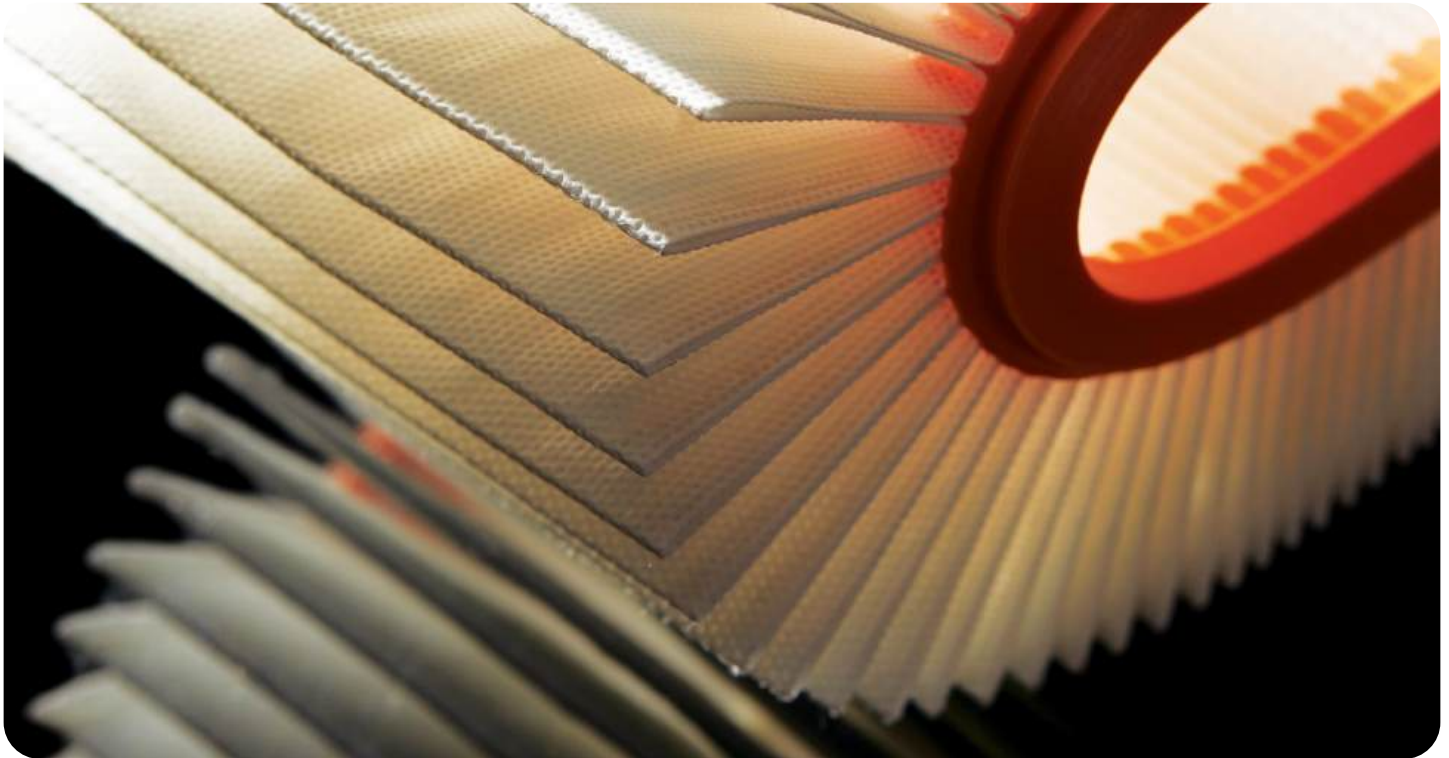
MediGen
Medical and
Surgical Media



TexGen
Coated-Laminated
Fabrics and
Home Furnishing



FilterGen
Filtration



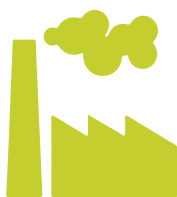
FilterGen brand filter media is porous structure that is permeable to fluid/air flow but impermeable to particles such as dust and contaminants.

Polyester (PET) has a high temperature rating and is widely used in commercial, industrial or residential air filtration applications. Gas turbine filters, dust collection filters, pleated panel filters are some of the most common types.

In micro filtration and nano filtration application, FilterGen media made of polyester continuous filaments is used as carrier and support media to give mechanical strength to the meltblown or nanofiber composites.

The synthetic FilterGen media is preferred for cabin air filters instead of pleated paper because of resistance to mildew and bacteria growth.

FilterGen media can be used as support media for pleated filter cartridge for liquid filtration applications using membranes. The uniform weight distribution, consistent web thickness and improved mechanical strength with the required stability allow filter producers to use it in increased hydrodynamic conditions. 100% synthetic filter support media made by chemically and thermally resistant continuous fibers are thermally bonded and no chemicals are used for bonding. Hydraulic oil filters, fuel filters, pool and spa filters are some of the areas where FilterGen products are served.



IndiGen
Industrial &
Geotextile



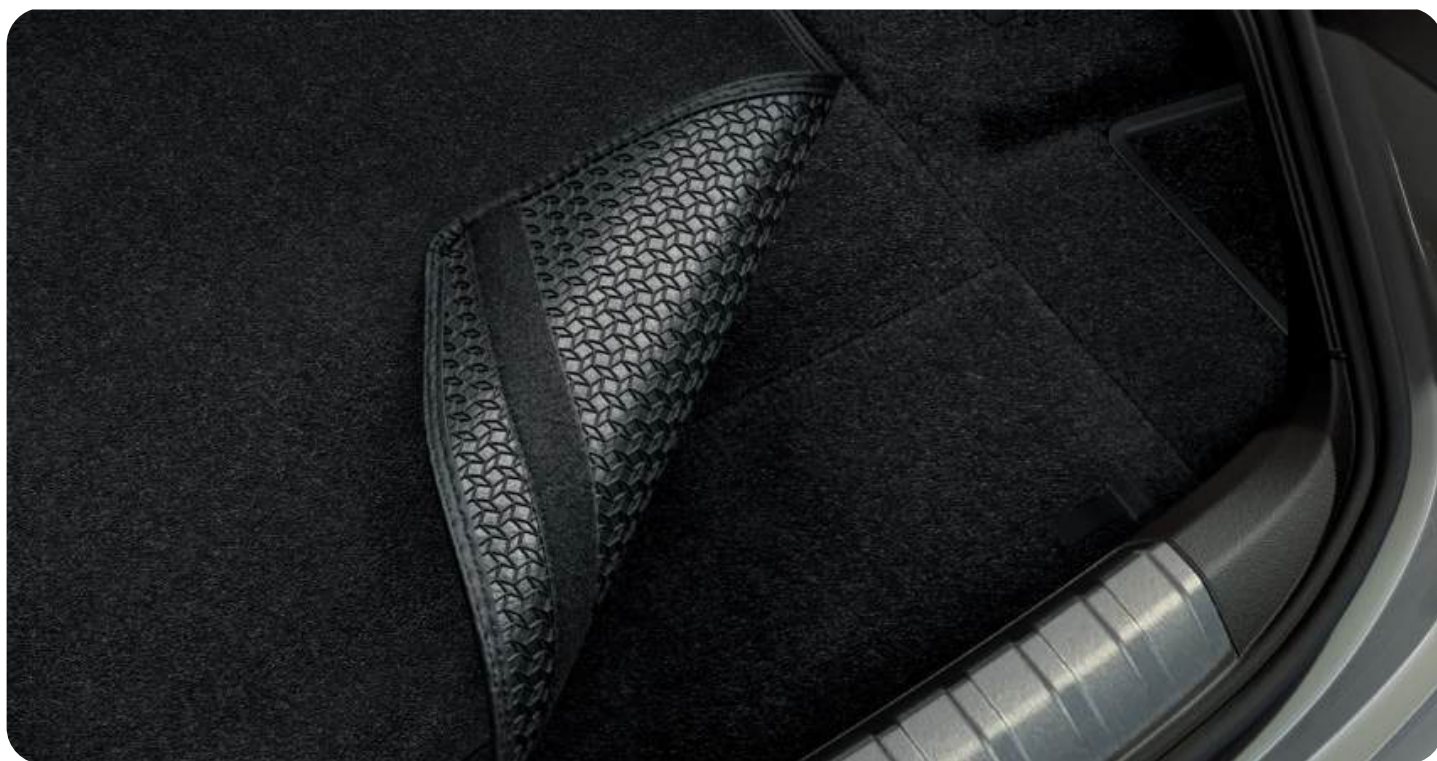
Nonwovens are widely used in construction, insulation, packing and other technical and industrial applications.

IndiGen brand of General Nonwovens are widely used in the following application areas:

- Roof tile underlayment
- Vapor barrier
- Flooring
- Drainage
- Insulation
- Coated fabrics
- Packing
- Coated fabrics and composites
- Foam products
- Laminated fabric end uses
- Extrusion coating
- Insulators
- Dust covers
- Quilt backing
- Bedding
- Backsheet
- Mattress insulators
- Truck liners
- Surface layer for FRP
- Printing substrate



AutoGen
Automotive
Industry

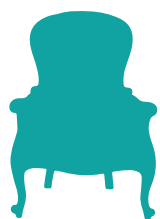


Use of nonwovens in automotive business is expanding more and more each day. There are more than 40 application area where a nonwoven fabric is used in an automotive.

AutoGen brand products are 100% polyester based and are dedicated for the automotive applications. AutoGen products can be molded and contoured to fit almost all interior, trim and or other complex surfaces. The uniform appearance of the fabrics not only serves to technical needs but also the visual expectations.

Below some examples that use AutoGen brand products are given:

- Secondary carpet backings
- Mold release applications
- Hood liners, headliners and trunk liners (as facing and backing substrates)
- Trucks & container liners
- Reinforcement layers
- Acoustic and thermal insulation media
- Door panel trim and backings
- Floor covers backing substrate
- Seat cover slip sheets
- Transmission oil, motor oil and cabin air filters
- Airbag wrap



TexGen

Coated-Laminated
Fabrics and
Home Furnishing

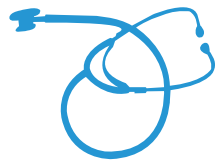


Step into the future with TexGen, a layer for a composite material crafted from polypropylene, polyester or PLA perfect for enhancing applications like coating & lamination.

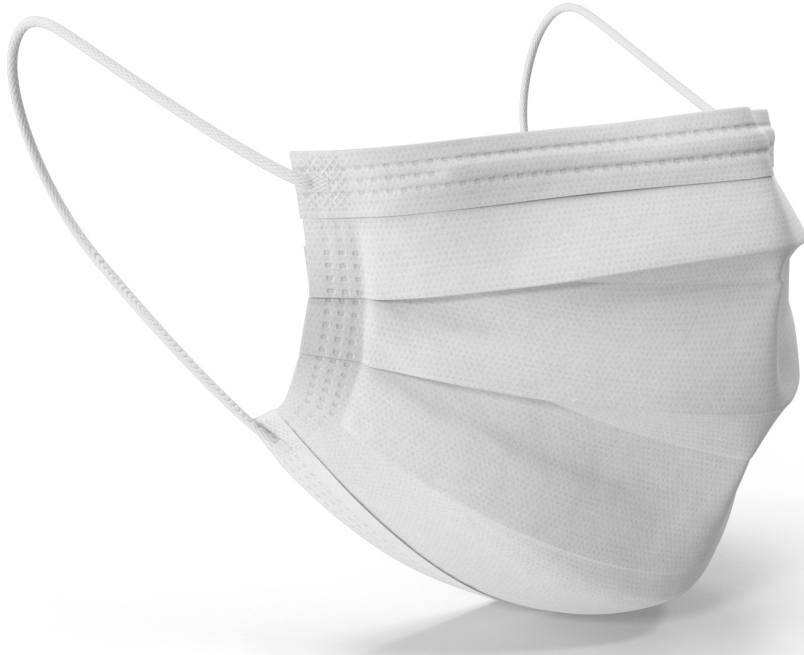
TexGen offers versatility through heat sealing or calendaring. The polyester-based TexGen performs exceptionally well in applications such as artificial leather, extrusion coating, and laminates requiring high thermal stability. Explore a world of possibilities with TexGen applications, including coated fabrics, laminates, extrusion coating, foam coating and more.

TexGen introduces a fresh perspective on materials, offering our customers the opportunity to create diverse and innovative compositions by incorporating our fabrics.

TexGen fabrics can be crafted using recycled raw materials, emphasizing our commitment to sustainability and eco-friendly practices.



MediGen
Medical and
Surgical Media



MediGen range of products are made of polypropylene or polyester. While MediGen polypropylene nonwovens provide more softness and comfort, polyester MediGen nonwovens provide the advantage of Gamma sterilizability, higher temperature and abrasion resistance.

MediGen products made of spunbond and meltblown fibers are used where higher water repellency is needed.

MediGen roll goods are available in white, blue and green colors and can be used in the following products and applications:

- Examination gowns
- Caps, masks, shoe covers
- Bed linens
- Underpads



HyGen Hygiene & Personal Care

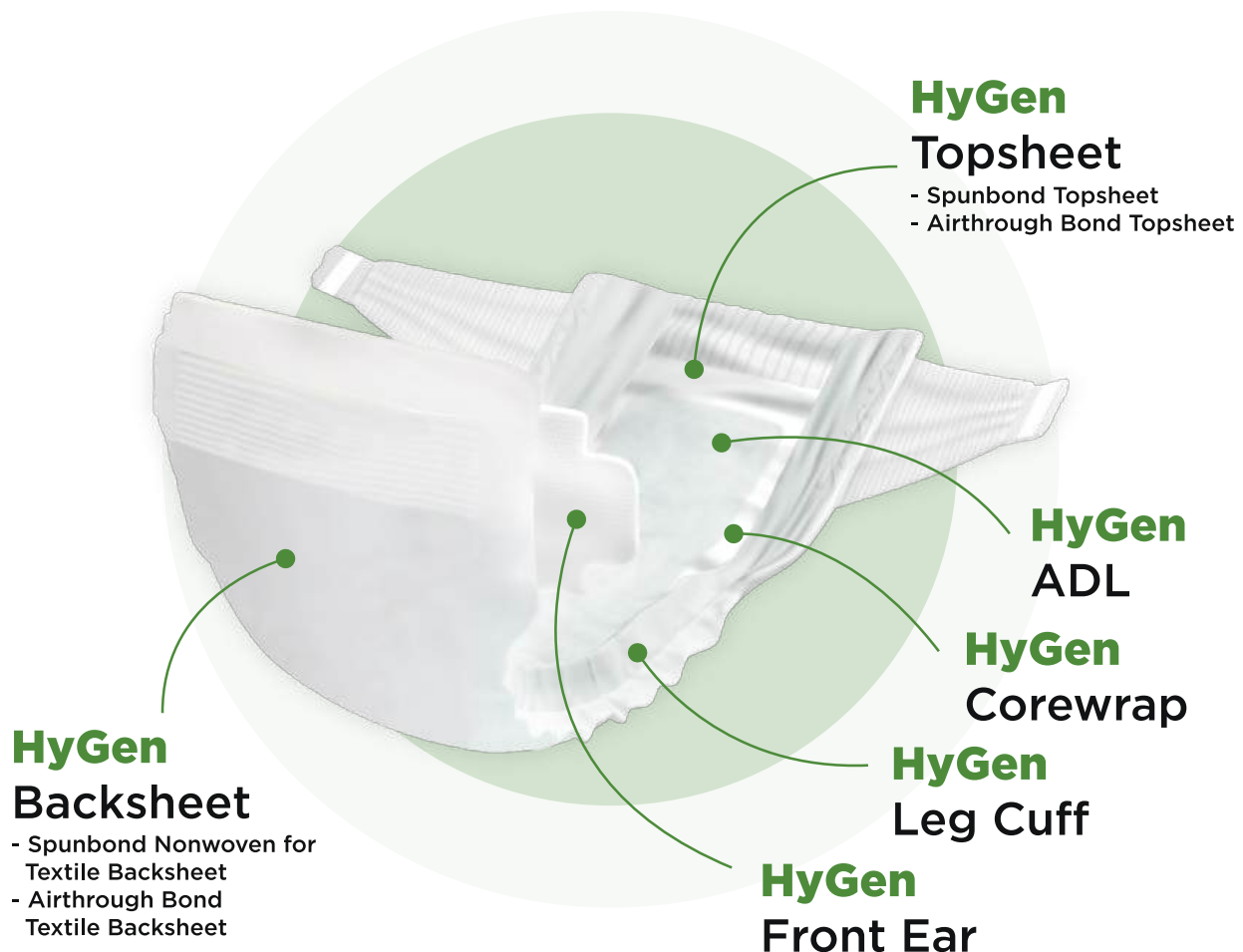
Explore the cutting-edge solutions crafted by HyGen!

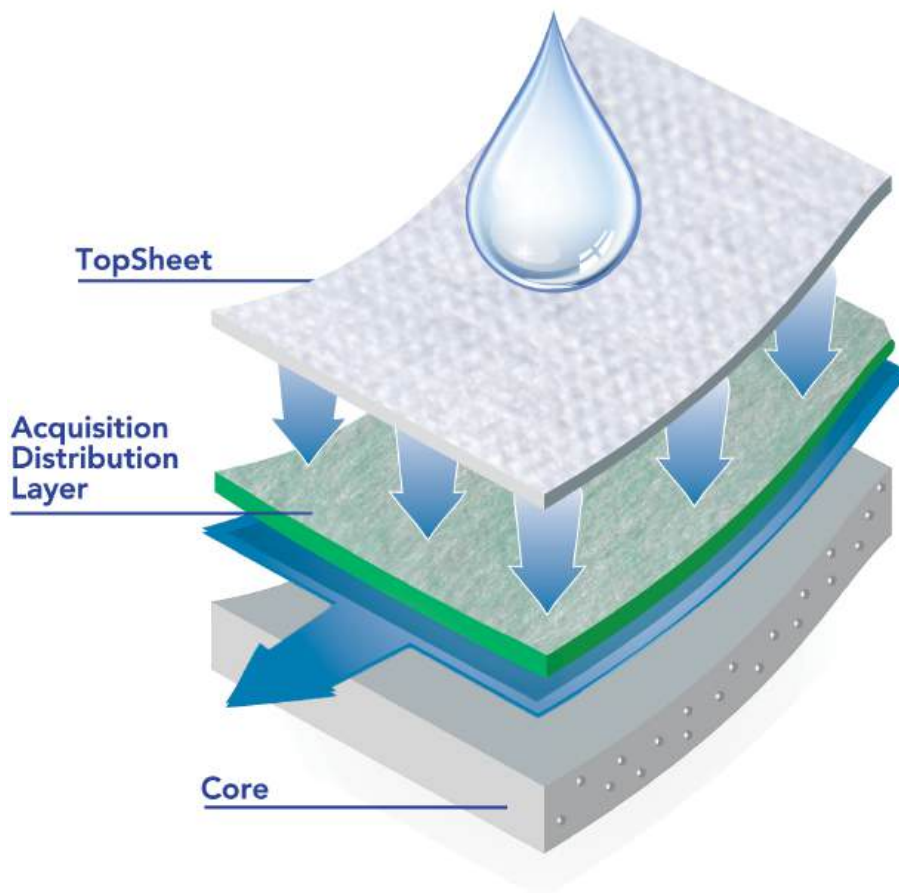
Driven by the state-of-the-art Reicofil 5+ technology, our revolutionary concepts are redefining standards in hygiene applications.

We are pleased to set aside any concerns about quality to bring our users the utmost level of excellence. Our specially designed features cater to the unique requirements of baby diapers, training pants, adult incontinence and feminine hygiene products.

Immerse yourself in the comprehensive world of HyGen solutions, including Topsheet, Corewrap, Leg cuff, ears, ADL, ATB and the outer layer of textile backsheet. Our dedicated R&D management ensures continuous advancements that enhance the perception of dryness and comfort.

Discover the luxurious sensation of our soft and silky innovations, harmonizing a lightweight design with the delivery of comparable performance. HyGen invites you to experience a world where innovation meets comfort, setting new standards in hygiene solutions.





Hygiene & Personal Care

- Spunbond top-sheet SSS configuration
- Spunbond for back-sheet
- ADL (Acquisition-Distribution-Layer)
- Barrier fabrics SSMMS (leg cuff)
- Core Wrap SSMMS
- Air-through bond top-sheet
- Side panels
- Spunbond for elastic material composites
- Air-through bond side edge (wings) for feminine hygiene products

Premium Soft



Baby diapers / Feminine hygiene / Adult Incontinence

"Solutions for the Hygiene Industry"

HyGen Premium Soft products are intended for soft grade topsheet, backsheet laminations and leg cuff applications. Manufactured with advanced Reicofil 5+ technology, these products provide a soft surface together with good uniformity and optimized performance for hygiene applications.

Its specially designed structure offers a pleasant textile-like touch while supporting comfort and daily performance expectations. The balanced softness and lightweight construction help enhance both product appearance and overall comfort perception.

HyGen Premium Soft is developed for baby diapers, feminine hygiene and adult incontinence products where softness, consistency and reliable performance are essential.

Premium SuperSoft



Baby diapers / Feminine hygiene / Adult Incontinence

"Solutions for the Hygiene Industry"

HyGen Premium SuperSoft products are intended for ultra-soft topsheet, backsheet laminations and leg cuff applications. Produced with advanced Reicofil 5+ technology, HyGen Premium SuperSoft is developed to deliver an exceptionally gentle and delicate touch for premium hygiene products.

Its advanced surface structure creates an enhanced textile-like feel and contributes to improved skin comfort during use. The extra soft touch and refined appearance help increase the premium perception of the final product.

HyGen Premium SuperSoft is designed for baby diapers, feminine hygiene and adult incontinence products where superior softness and comfort are among the key product expectations.

Topsheet



Baby diapers / Feminine hygiene / Adult Incontinence

"Solutions for the Hygiene Industry"

General Nonwovens HyGen range of products are aimed to serve hygiene industry. Topsheet is the layer that is in contact with the skin and is the first layer that is exposed to liquid.

Baby diapers, adult incontinence products and feminine hygiene products use spunbond nonwoven topsheet. HyGen brand topsheet is thermally point bonded polypropylene spunbond nonwoven fabric produced on multi-beam machines to obtain the best homogeneity and physical properties. Unique fiber forming and laydown technology allows production of soft touch topsheet nonwovens.

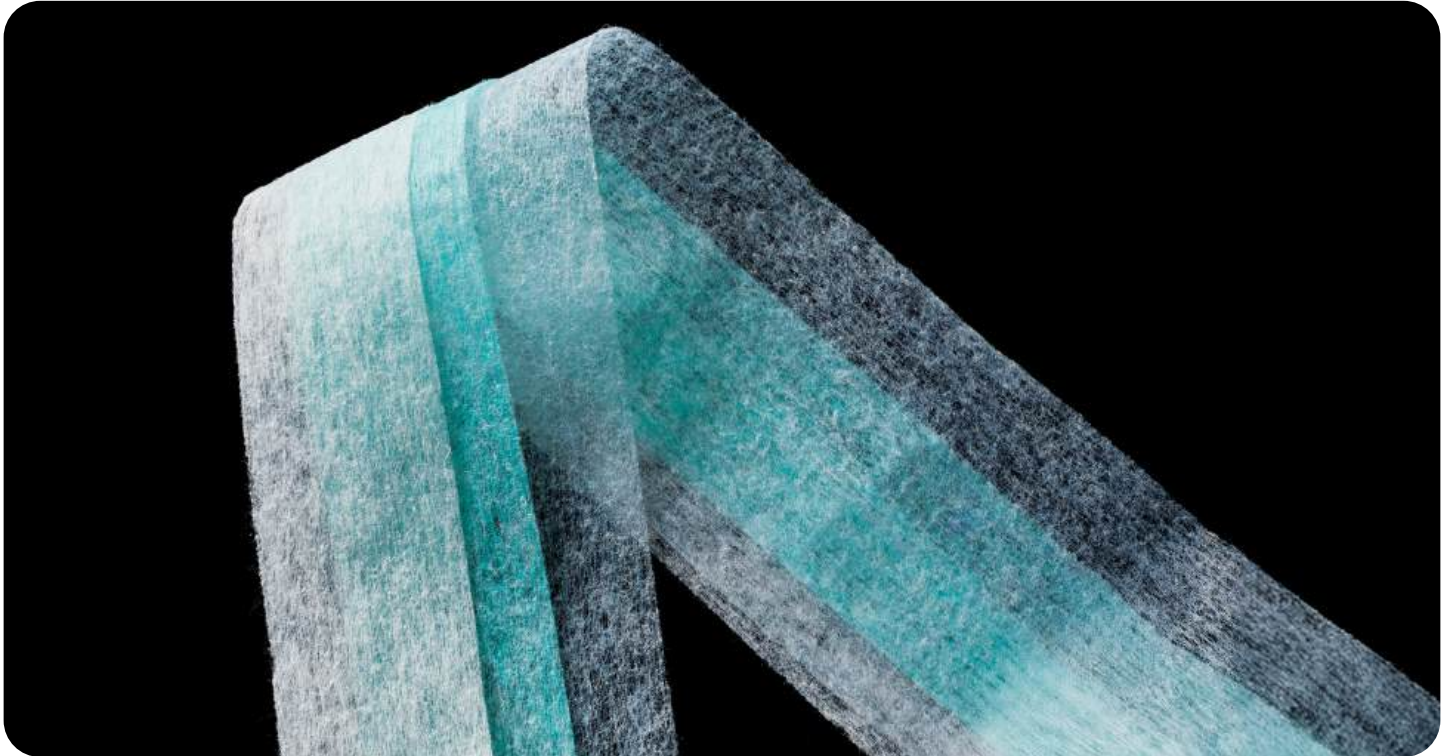
Topsheet, known as coverstock as well, is one of major structural components of these hygiene products that affect the product performance. HyGen brand polypropylene spunbonds are treated to render hydrophilic properties.

The hydrophilic property of a topsheet has to be fine tuned to give the best strike through time yet with good rewet value. Multiple strike through time and rewet is tested to assure skin dryness even after several insults.



HyGen
Hygiene &
Personal Care

ADL

**Baby diapers / Feminine hygiene / Adult Incontinence**

"Solutions for the Hygiene Industry"

HyGen-ADL products are designed to work with your core to obtain good acquisition time and good spreading of liquid along with a balanced surface dryness.

HyGen ADL is a high-loft nonwoven produced by carding & air through bonding technology, where a combination of different fiber types are bonded by means of controlled hot air. An enhanced fluid management and superior dryness is obtained by defining the right ADL recipe depending on the core of the absorbent products.

Fast acquisition, wide spreading of liquid and acting as a buffer layer for a dry skin and comfort are the key properties of HyGen ADL products.

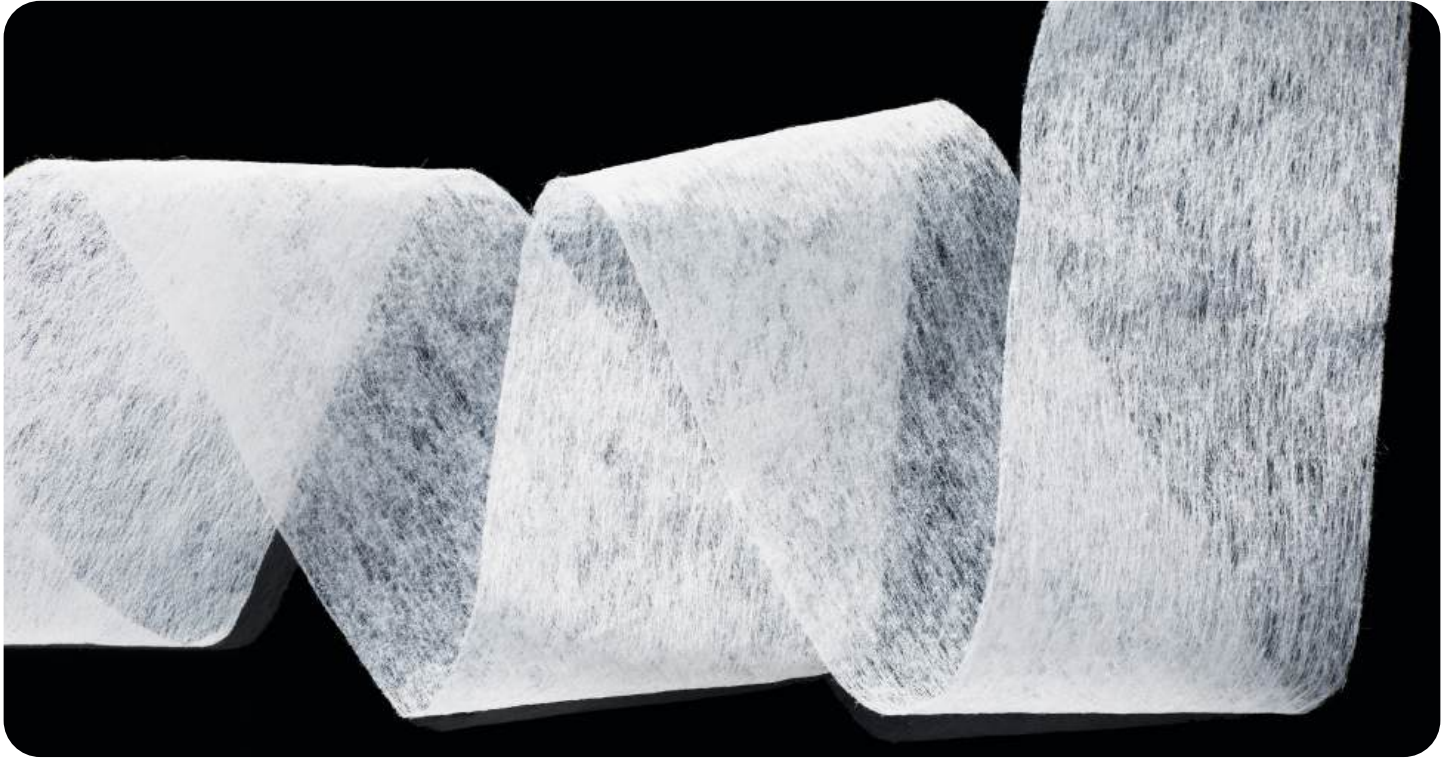
Colored HyGen-ADL allows easy visual differentiation of absorbent products and emphasizes the presence of an extra layer that is - in perception of the end user - considered to be better or higher quality product.

It is either for baby diaper, sanitary napkin or incontinence products, HyGen brand ADL products are available in wide range of fiber mixings and basis weight to reach the most effective fluid management.



HyGen
Hygiene &
Personal Care

ATB (Air Through Bonding)



Baby diapers / Feminine hygiene / Adult Incontinence

"Solutions for the Hygiene Industry"

HyGen brand ATB products are intended for premium grade topsheet and backsheet applications.

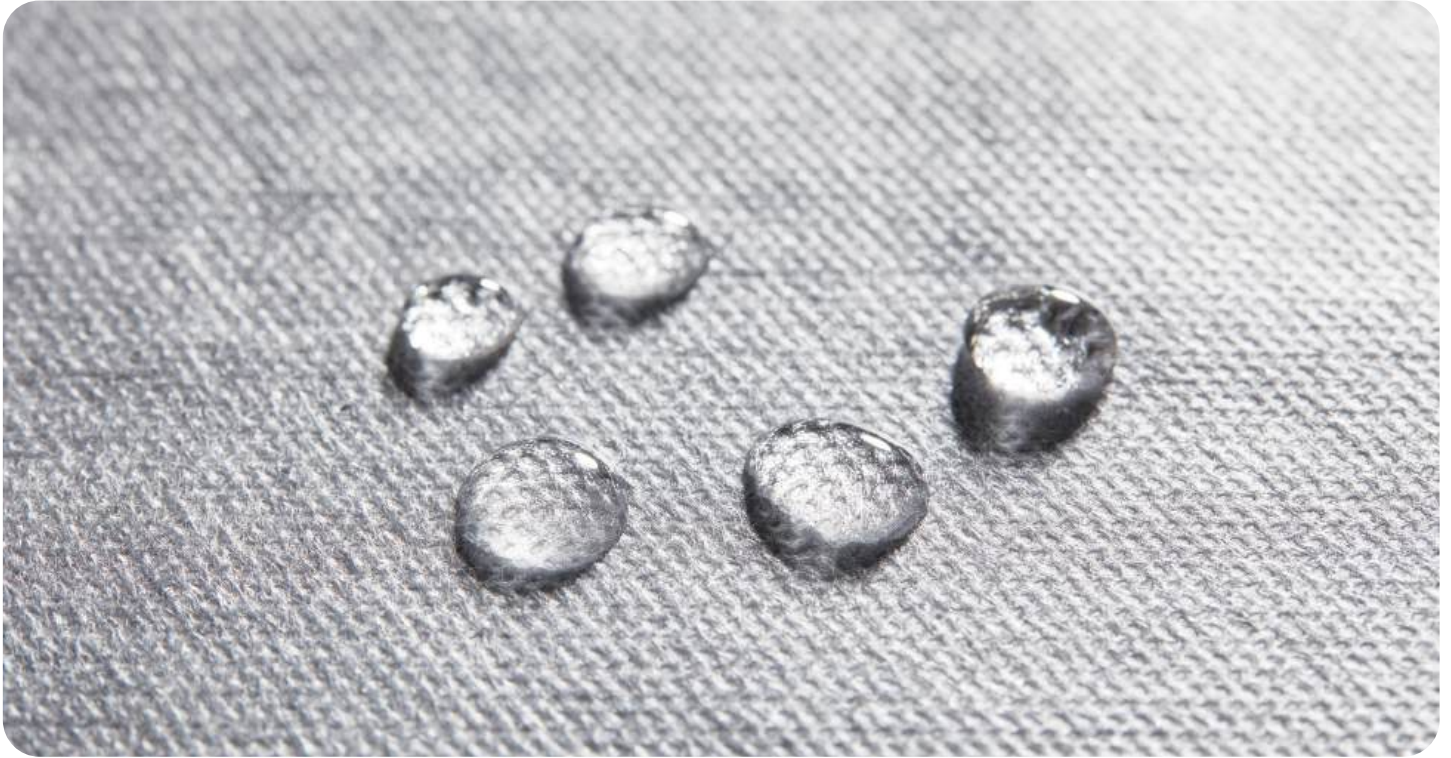
HyGen ATB is a high-loft nonwoven produced by carding & air-through bonding technology, where a combination of different fiber or polymer types are bonded by means of hot air. This unique technology, combined with the right fiber composition, leads to very soft and smooth touch products.

ATB topsheets are produced hydrophilic to provide good liquid permeability. Its high-loft structure helps keep the skin dry.

ATB textile backsheet applications, also due to their lofty structure and softness, help improve the quality perception of premium products.



Leg Cuff



Baby diapers / Adult Incontinence

"Solutions for the Hygiene Industry"

General Nonwovens HyGen range of products are aimed to serve hygiene industry.

HyGen legcuff is the protection layer that acts as barrier to avoid leakage of a baby diaper or adult incontinence products.

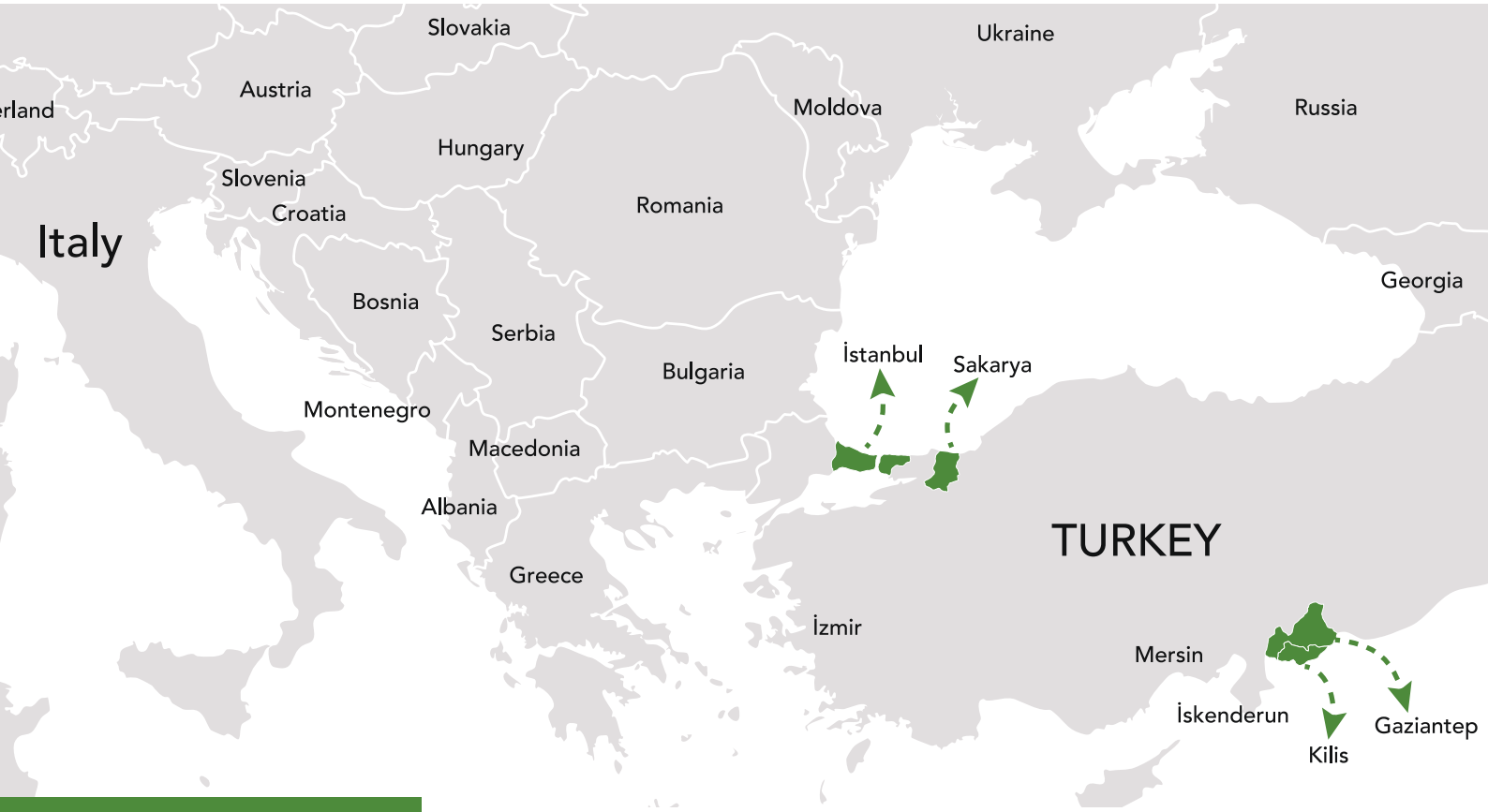
The product is composite of spunbond and meltblown fibers that has hydrophobic properties. The resistance to liquid permeability is set to required level of hydrostatic head.

White and green are available to suit absorbent product design.



HyGen
Hygiene &
Personal Care

Our Locations



Contact Us

**HEADQUARTER & GAZİANTEP FACTORY:**

2. Organize Sanayi Bolgesi Otoban Yolu
No: 4 27120; Gaziantep / TURKEY

**SAKARYA FACTORY:**

1. Organize Sanayi Bolgesi, 1. Cadde
No: 47 Arifiye, Sakarya / TURKEY

**KİLİS FACTORY:**

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No:14 Kilis / TURKEY



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