



HyGen Hygiene & Personal Care

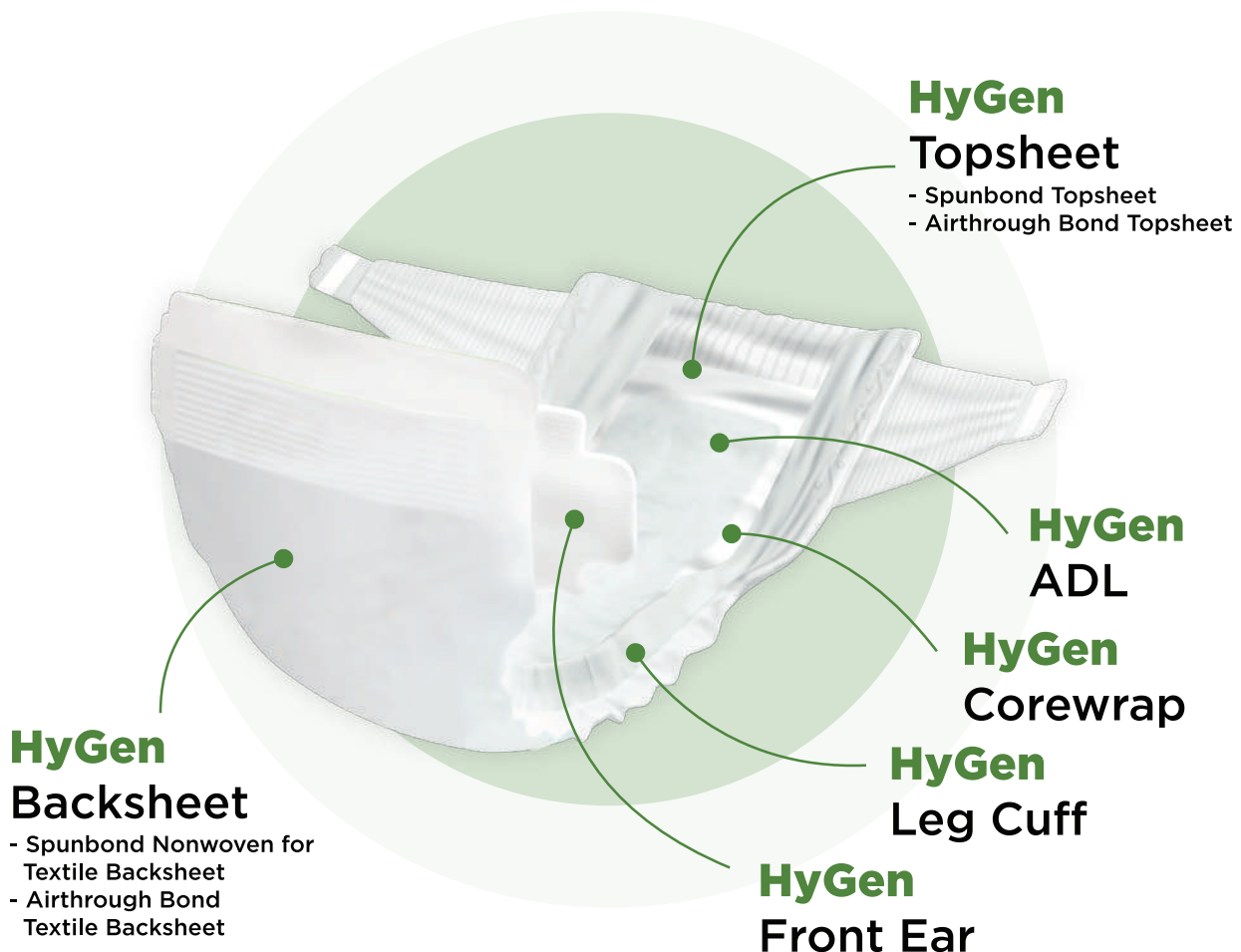
Explore the cutting-edge solutions crafted by HyGen!

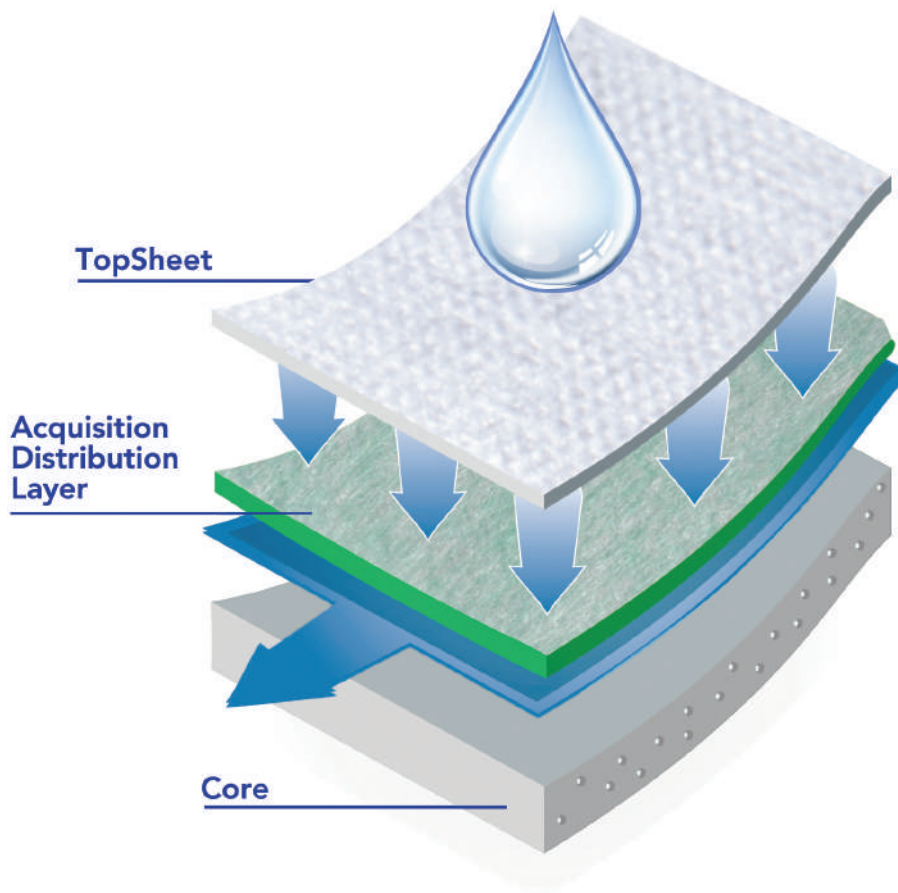
Driven by the state-of-the-art Reicofil 5+ technology, our revolutionary concepts are redefining standards in hygiene applications.

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 femine hygiene products

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.

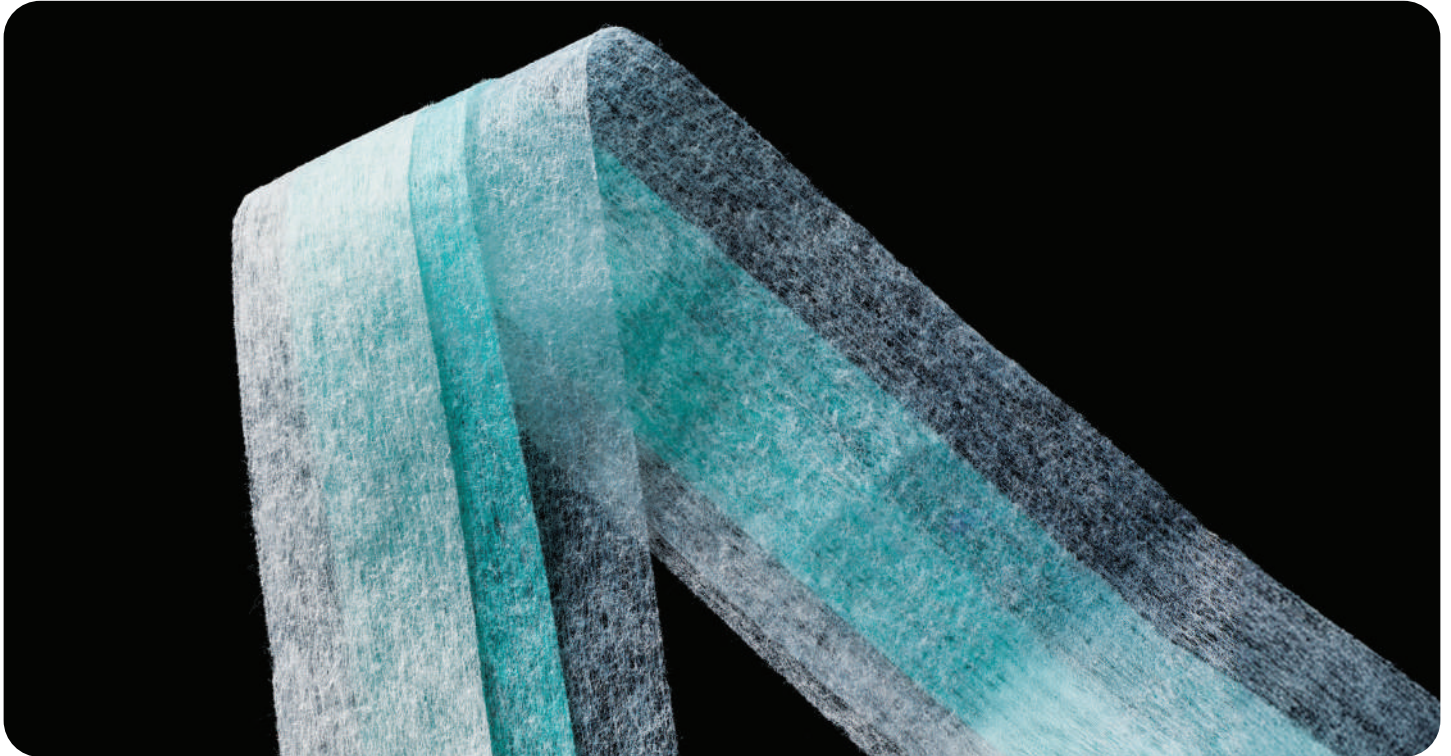
Baby diapers, adult incontinence products and feminine hygiene products use spunbond nonwoven topsheet. HyGen brand topsheet is thermally point bonded polypropylene spunbond nonwoven fabric produced on multi-beam machines to obtain the best homogeneity and physical properties. Unique fiber forming and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



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.

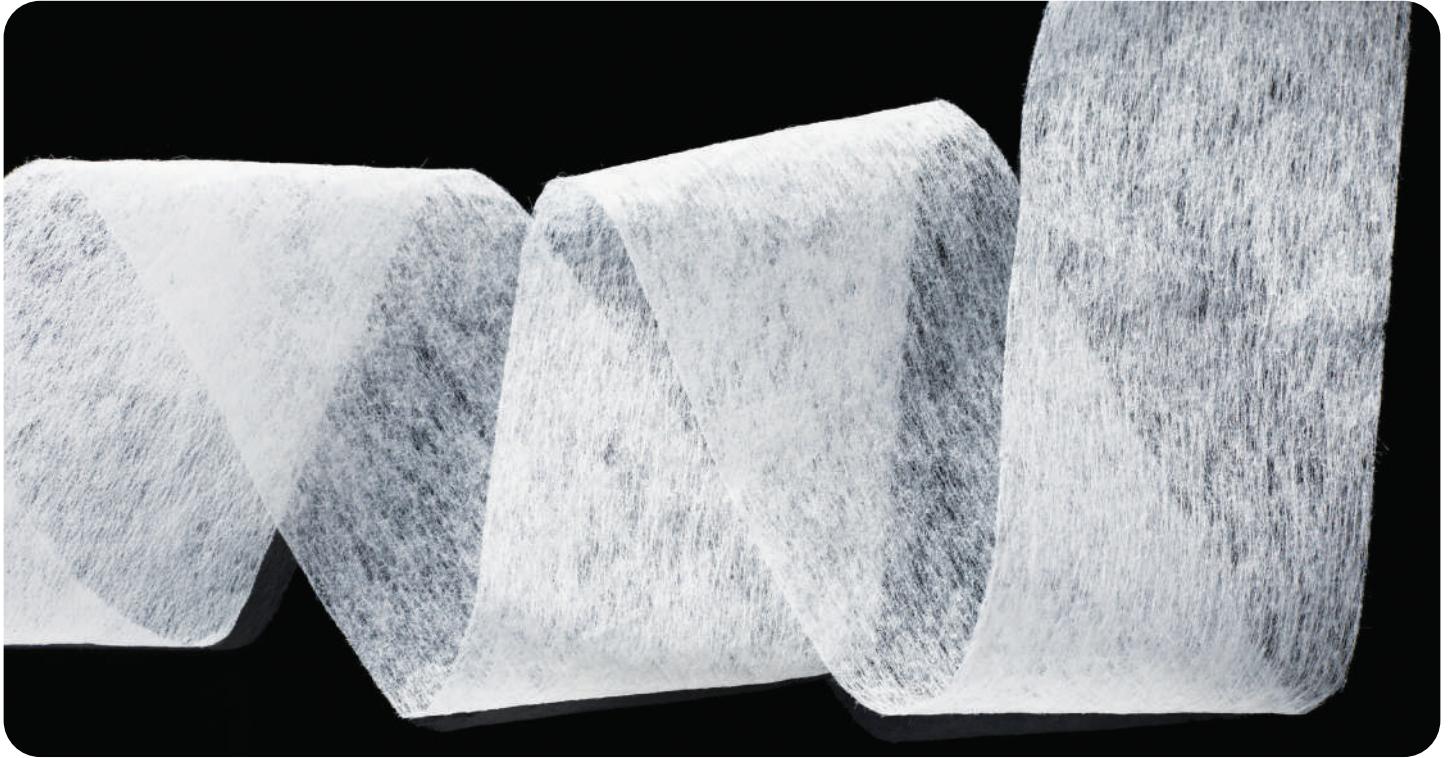
Fast acquisition, wide spreading of liquid and acting as a buffer layer for a dry skin and comfort are the key properties of HyGen ADL products.

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.



Soft Touch



Baby diapers / Feminine hygiene / Adult Incontinence

"Solutions for the Hygiene Industry"

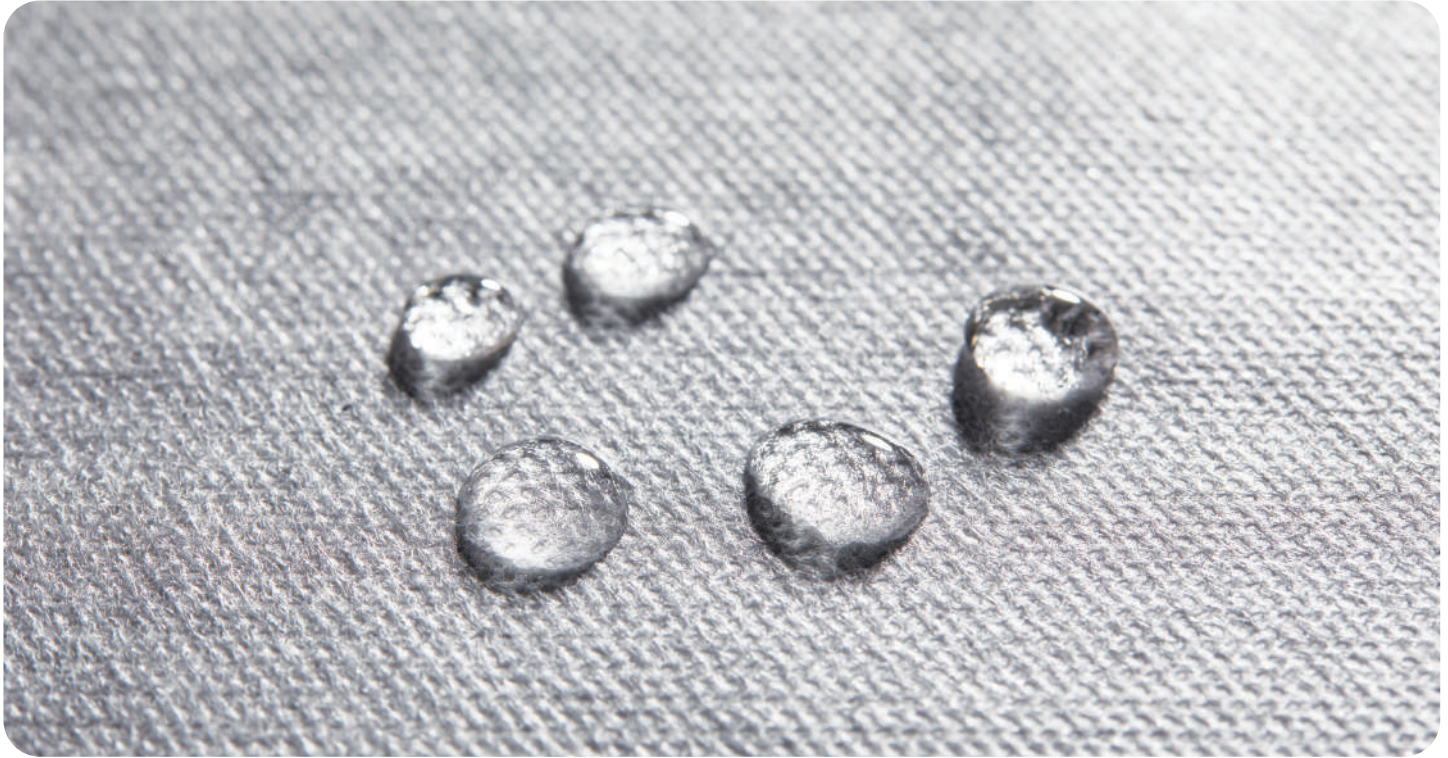
HyGen brand soft touch products are intended for premium grade topsheet and backsheet applications. HyGen soft touch is a high-loft nonwoven produced by carding & air through bonding technology, where a combination of different fiber or polymer types are bonded by means of hot air. This unique technology combined with the right fiber composition leads very soft and silky touch products.

Soft touch top sheets are produced hydrophilic to perform good liquid permeability. Its high loft structure helps keeping the skin dry.

The soft touch textile backsheet application, also due to its lofty structure and softness, helps improving 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.