

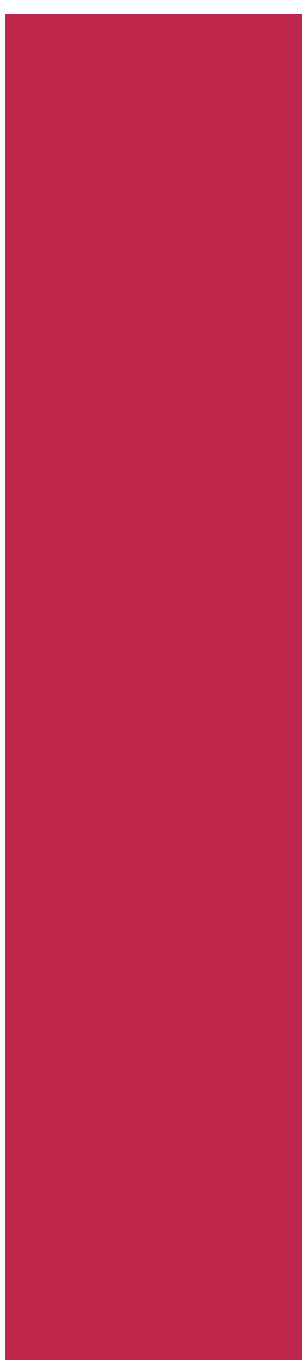
2023

THE **INNOVATION**  
HANDBOOK

MATTRESS TICKING **UPHOLSTERY FABRIC** DECORATIVE CARPET



# INNOVATION FABRIC HANDBOOK



# AYDIN: WHERE INNOVATION & DESIGN MEET



We are the largest upholstery fabric, mattress ticking, decorative carpet and home textile manufacturer in Europe with more than 65 years of experience.

## 6 CONTINENTS / 120 COUNTRIES

More than 500 LOOMS

Istanbul: 85.000m<sup>2</sup>

Upholstery Fabrics, Decorative Carpets and Home Textile

Kayseri: 60.000m<sup>2</sup>

Mattress Ticking

Sakarya: 124.000m<sup>2</sup>

Upholstery Fabric

    / aydintekstil

[www.aydintekstil.com](http://www.aydintekstil.com)

## AYDIN 2023 INTRODUCTION

**CLICK** 



# 1957

Aydin family stepped into the textile industry under the name of “Aydin Wool Collective Company” by Ziya Aydin

# 1980

Velvet production started with 4 velvet looms.

# 1985

Started exporting products to Singapore and Saudi Arabia.

## KEY MILESTONES



# 2006

Nova was established with an annual production capacity of 60.000 tons in steel wire and 18.000 tons in any kind of foam.

# 2008

Planet was established with a closed area of 260.000-meter square and furniture manufacturing started.

# 2013

Knitted mattress ticking production started



# 1996

Woven upholstery fabric production started.

# 2000

Production of chenille, polypropylene, and fancy yarn started.

# 2003

With the new investment upholstery fabric production capacity rose to 20 million linear meters.

# 2023

Aydin is the leading upholstery fabric, mattress ticking, and decorative carpet supplier in the world and continues to leave a legacy for future generations

# 2014

Aydin opened a new upholstery fabric factory in Sakarya with air jet, water jet, and warp-knitted machines.

# 2017

Aydin moved mattress ticking production to the Kayseri factory.

# 2019

Aydin moved to the new 360 Showroom in Istanbul

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The Sky is the limit with  
**AYDIN FABRICS**



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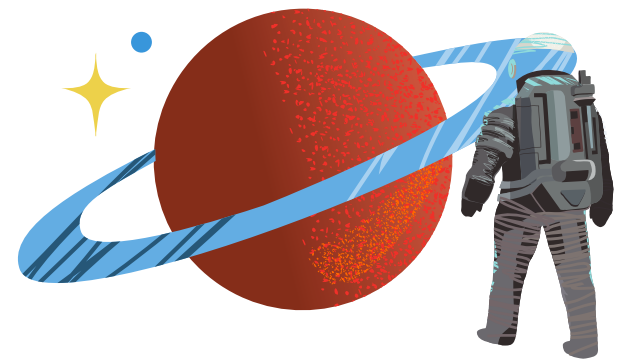
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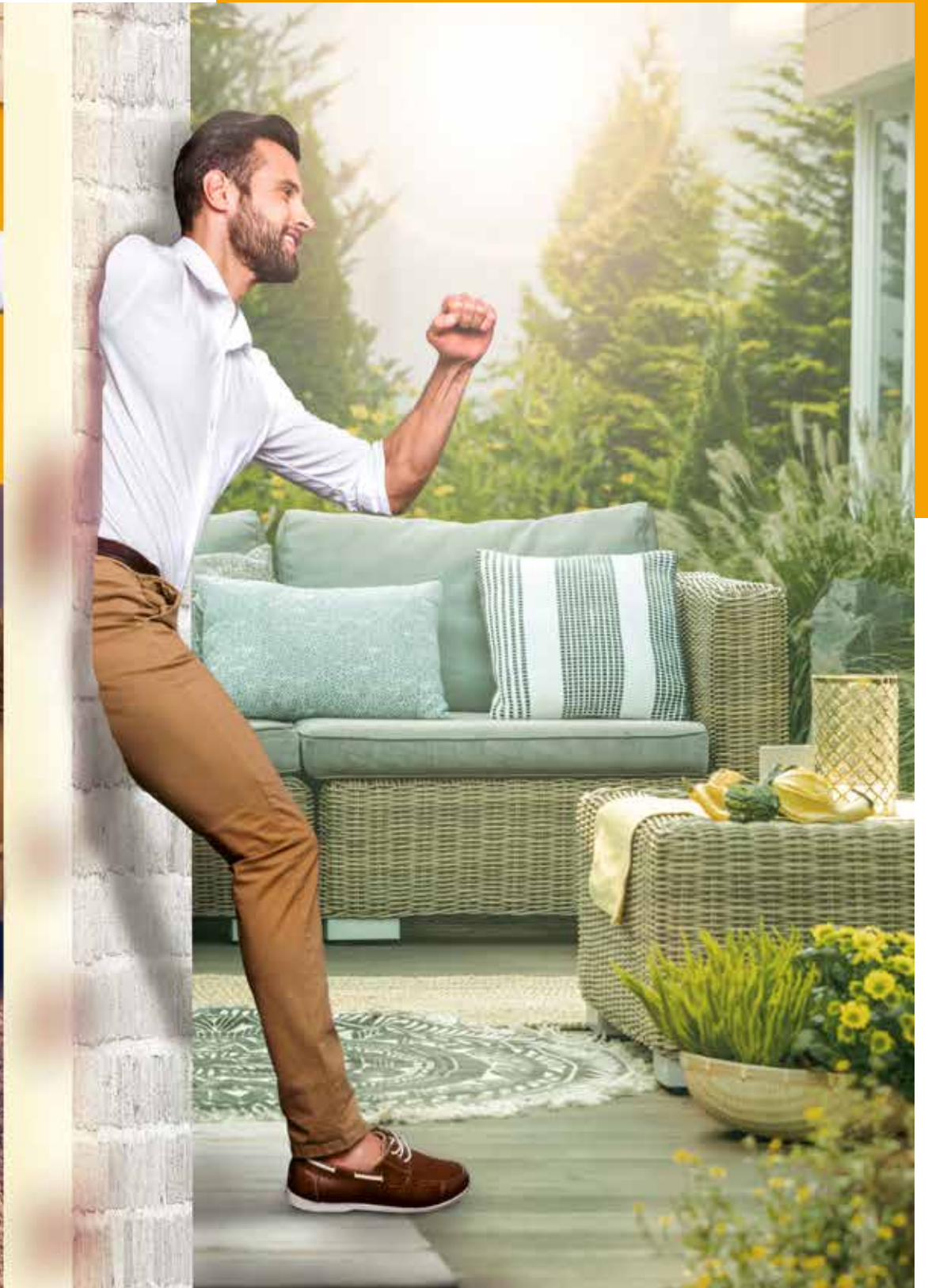
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**INDOOR &  
OUTDOOR**  
*Series*





FOR MORE INFO



INDOOR & OUTDOOR



INDOOR &  
**OUTDOOR**  
FURNITURE FABRIC

We combine timeless style with modern technologies to deliver products that prioritize performance and durability while keeping sustainability at the forefront of our new developments.

We have durable fabrics for indoor and outdoor furniture that come in various styles.





## ADVANTAGES OF INDOOR & OUTDOOR FABRIC



Easy Care



Water Repellent



Comfortable



Breathable



Eco-Friendly



**Click here** to explore the world of indoor and outdoor furniture fabrics.

**HEALTH &  
WELLNESS**  
*Series*







ANTI-V8

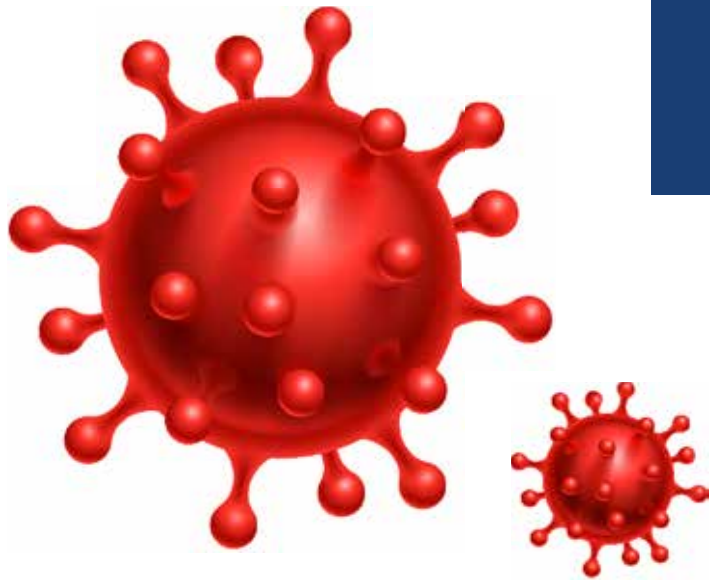
# HEALTHY PROTECTION

With the development of technology and the discovery of microscopes, humanity began discovering bacteria, viruses, and micro-living things.

Then, scientists wanted to take countermeasures against bacteria and organisms that cause illnesses for people, spoil our food, and rot our fabrics.

Anti-V upholstery fabric is produced with a technology that has highly active particles in its structure, which prevent the spread of viruses, bacteria, and mites. It aims to prevent their proliferation and the damage they cause.

The basic idea behind the technology is to destroy the structure of viruses' cell membranes, which stops them from spreading around.



Aydın Presents  
Antiviral  
**UPHOLSTERY FABRIC;  
ANTI-V**

AYDIN can also combine Anti-v with Air Fresh finishing which will add a mesmerizing smell to your fabrics. Anti-V and Air Fresh will provide the safest and best-smelling fabric together. Show the cleanliness and hygiene of your fabric with Air Fresh finishing.

Anti-V is a skin friendly product with a hypoallergenic structure and a unique softness that makes you feel at ease.

**FOR MORE INFO**



ADVANTAGES OF  
**ANTI-V &  
ANTI-V FRESH**



Antibacterial & Antiviral



Anti-Dust Mite



Anti-Bed Bug



Hygienic



Children and  
Pet-Friendly



Everklean offers a protective solution against liquids such as water, oil, and fruit juice for your living environment.

It allows you to clean the liquid droplets and stains on your sofas using only a paper towel.

## Spilled something on your sofa? NO PROBLEM

	Everklean	Everklean+
Water repellent	✓	✓
Dust repellent	✓	✓
Cold Beverages	✓	✓
Oil repellent		✓
Hot Beverages		✓
Sugar Based Stains		✓

Everklean Plus is like a magic shield against water and oil-based stains like ketchup, coffee, jam, juice, and many others without harming your health or environment.



FOR MORE INFO



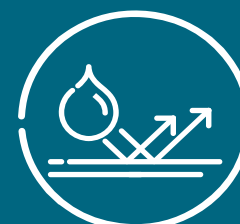
Water or other liquid spilled onto your sofa attracts mold, dirt, and stains. Over time, the stains penetrate the fabric, making it impossible to clean. With Everklean upholstery fabric, you can make your living space healthier and cleaner, making your sofas last longer.

If you want to improve the performance of your fabric, Everklean Plus is an excellent choice for a smudge-free living environment. Everklean Plus keeps your sofas clean and protects them against liquids and stains. Therefore, it protects your health by keeping your sofas as they were on the first day. Everklean Plus provides the hygiene you always need against water and oil-based dirt.

## ADVANTAGES OF EVERKLEAN & EVERKLEAN PLUS



Easy Care



Water Repellent



Extends the life  
of your furniture



Stain Resistant



Children and  
Pet-Friendly

# PFC FREE DWR

EVERKLEAN GREEN



**PFC FREE DWR, ECO FRIENDLY MATERIALS**

PFCs are on the globally-recognized Restricted Substances Lists because the traces of PFCs have been found in every level of the food chain.

**FOR MORE INFO**



## ADVANTAGES OF EVERKLEAN & EVERKLEAN PLUS GREEN



Sustainable



No PFC



Water-Repellent



Children & Pet  
Friendly



Stain-Resistant

So we created Everkleen Green which is Our PFC-free DWR and which has since become the industry standard for healthy, effective waterproofing.

In AYDIN, we have a dream. Besides aiming for 100% renewable energy in all of our plants by the end of 2023, we are also working to convert all our water-repellant finishes to non-fluorinated versions by 2024.



# AIR MASTER



AirMaster is designed to prevent odor formation, deterioration, and fading caused by microbial contamination. AirMaster gives long-lasting, built-in protection by keeping treated items safe from microbial contamination even after they have been cleaned multiple times.





## FRESH FABRIC

### ADVANTAGES OF AIR MASTER



Odor Resistant



Good Smell Furniture



Environment Friendly

AirMaster has passed the most stringent safety and efficacy testing procedures to meet international regulatory guidelines.

Have the clean and fresh fabrics that you always need.

FOR MORE INFO



# BI·OME

BI-OME® is a revolutionary technology that guarantees optimal freshness and hygiene for upholstery fabrics. Antimicrobial technology works in three steps.

First, in the attraction stage, the microorganisms are attracted by the coating of the fabric. The next step, known as the perforation stage, happens when the microorganisms come into contact with the coating. At this point, the microbes' cell membranes are punctured, just as they would be by a sword. Lastly, in the disruption stage, the piercing mechanism deactivates the microorganism, preventing growth and proliferation.

Biome®-treated upholstery fabrics provide the highest degree of protection.



## HOW IT WORKS?

- 1- Microorganisms are attracted by the upholstery fabric coating.
- 2- Once in contact with the coating, their cell membrane is punctured.
- 3- This deactivates the microorganism, preventing growth and proliferation.

FOR MORE INFO



## ADVANTAGES OF BIOME



Washable



Deodorization



Anti-Microbial



Sensitive to Skin



Eco Friendly



PetsL♥VE

We Love PETS

PETSLOVE



Pets Love is anti-allergenic, giving protection against bacteria, mites, and viruses. By getting rid of these harmful organisms Pets Love will protect you and your best friends.



Pets Love has an Easy Care feature which means that you can easily remove stains and pet hair with wet wipes so you will not have any permanent pet stains. Pet Love does not contain any chemicals that will harm our best friends.

Give the warm house that your pets deserve with Pets Love.

“A true friend leaves paw prints  
on your heart.”

FOR MORE INFO



## ADVANTAGES OF PETSLOVE



Pet-Friendly



Easy Care



Stain-Repellency



Breathable



Water Proof

# BEST FRIEND

BESTFRIEND

FOR MORE INFO



# “You don’t need to worry about your fabric with Best Friendfabric.”

Pets can decrease stress and feelings of loneliness, improve heart health, and even help children with their emotional and social skills. Our best friends have paws and claws that can harm our furniture and leave permanent marks on fabrics. Best Friend upholstery fabric has a unique fiber structure which makes it resistant to scratches. Best Friend Fabric has passed Snagging Tests and proven its durable structure.



## ADVANTAGES OF BEST FRIEND



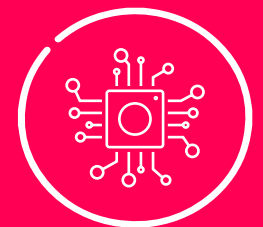
Pet-Friendly



Scratch Resistance



Durable



Micro Technology



**SUSTAINABILITY**  
*Series*













FABRICYCLE

RECYCLED FABRICS





**FABRICYCLE**  
RECYCLED FABRICS

Our responsibility towards our world begins with respect for nature. One of the products of AYDIN's respect for nature, Fabricycle uses inspiring technology to make a difference. The upholstery fabric is produced using recycled yarns derived from the collected waste plastic. Fabricycle is made from 100% recyclable materials, conserving natural resources and securing our future.



**OEKO-TEX®**  
CONFIDENCE IN TEXTILES

**FABRICYCLE**

**RECYCLED FABRIC**

Recycling is the process of re-incorporation of wastes that can be reused for consumption by going through various processes. A new product's manufacturing requires a lot of effort and resources. When we throw away the products, we also throw away the energy and resources consumed during production. We not only help the environment by reducing our energy usage but also the waste produced by our society when we choose recyclable products.

**FOR MORE INFO**





# Increase your Fabric's performance with **FABRICYCLE!**

TEST	RECYCLED POLYESTER VS VIRGIN POLYESTER
Tenacity and Elongation	Negligible
Abrasion Resistance	Recycled Polyester
Washing Fastness	Negligible
Rubbing Fastness	Negligible
Light Fastness	Recycled Polyester
Bending Length	Virgin polyester
Moisture Regain	Negligible

## ADVANTAGES OF FABRICYCLE



Save Water



Sustainability



Eco-Friendly









# REPYLENE

RECYCLED OLEFIN





**REPYLENE**  
RECYCLED OLEFIN

Repylene is an innovative fabric from recycled olefin yarn made of pre-consumer textile waste. Repylene keeps the environment clean and safe by reducing energy, water, and chemical consumption. Repylene is made from waste materials from fibers, yarns, and fabrics. This gives textile waste a new use while using less water and energy in the production process.

It is REACH, Oeko-Tex certified, and guaranteed to be free of harmful substances.

**GREEN  
TEXTILE**

**REPLEYENE**

**RECYCLED FABRIC**

It is REACH, Oeko-Tex certified, and guaranteed to be free of harmful substances.

**FOR MORE INFO**





## ADVANTAGES OF REPLYENE

### Replyene has all the following characteristics:

- Low Water Consumption During Production Processes
- Made from Textile Waste - Recyclable
- Contains No Harmful Chemicals
- Provides energy efficiency
- Low CO<sup>2</sup> and P04 emissions

With Replyene compared to Virgin Polypropylene you can reduce

CO2 emissions by

**50%**

PO4 by

**65%**

Water usage by

**29%**

Oil consumption by

**78%**



Save Water



Sustainability



Eco-Friendly







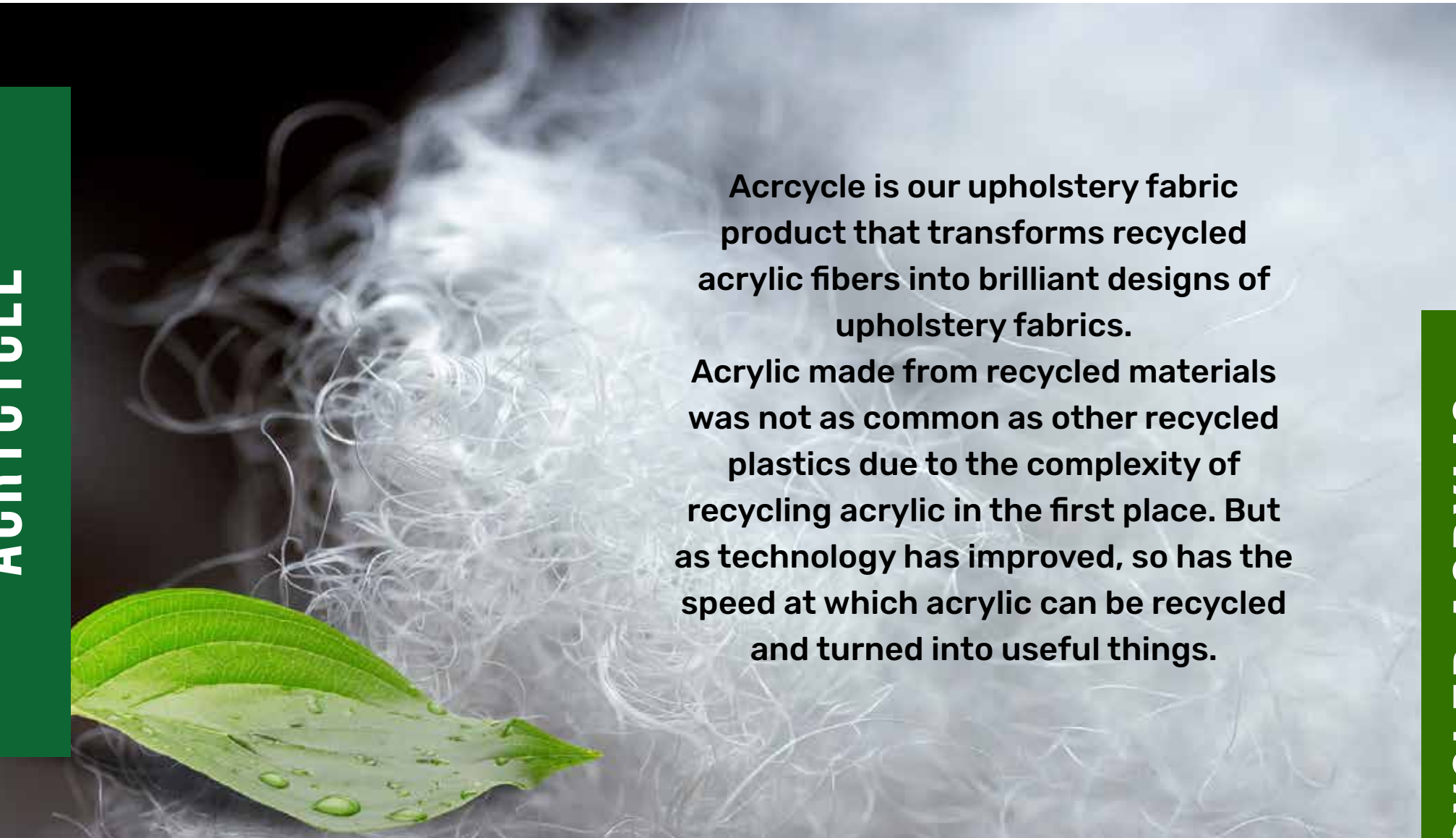
acrycycle





# RECYCLING NONSTOP

ACRYCYCLE



Acrycycle is our upholstery fabric product that transforms recycled acrylic fibers into brilliant designs of upholstery fabrics. Acrylic made from recycled materials was not as common as other recycled plastics due to the complexity of recycling acrylic in the first place. But as technology has improved, so has the speed at which acrylic can be recycled and turned into useful things.

RECYCLED ACRYLIC

“THE FUTURE OF TEXTILE,  
THE FUTURE OF THE WORLD”

FOR MORE INFO 

## ADVANTAGES OF ACRYCYCLE



Save Water



Sustainability



Eco-Friendly

## ADVANTAGES of ACRYCYCLE

Our recycled acrylic products are an environmentally conscious alternative to standard acrylic. Recycled acrylic is made from 100% recycled materials. Acrycycle can be recycled and used repeatedly as a thermoplastic material. In the production process, acrylic fabrics are produced with products that significantly reduce their carbon footprint and use less water. Reduction of thousands of tons of non-biodegradable solid acrylic waste. Reuse of products at the end of their lifetime.





The Future of Textile

THE FUTURE OF THE WORLD!

REPREVE

RECYCLED FABRIC



Repreve is a brand of recycled performance fiber. The high-quality fibers are made from 100% recycled materials, including post-consumer plastic bottles and pre-consumer waste. They are also certified and traceable by Unifi. Repreve is one of the best examples of a new life created from recycled materials. It helps to protect natural resources for a sustainable future with water and energy savings. Its eco-friendly products, which are made with recyclable materials, contribute to reducing pollution and promoting ecological balance conservation.

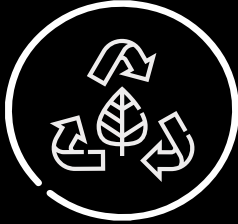




## ADVANTAGES OF REPREVE



Recycle



Sustainability



Eco-Friendly

FOR MORE INFO



Generates enough energy to power 133K homes for 1 year



Provides 1.7 million people their typical daily drinking water for 1 year



Improves air quality by avoiding 385 million kgs of CO<sub>2</sub> emissions



REPREVE OUR OCEAN

Each year, at least 8.8 million tons of plastics make their way into the ocean, equivalent to dumping one garbage truck's contents into the ocean every minute. Furthermore, at least 80% of plastic entering the oceans comes from land, and at current rates, there will be more plastic by weight than fish by 2050.

FOR MORE INFO





## RECYCLED FABRIC

REPREEVE Our Ocean is a premium collection of fiber and resin sourced from bottles at high risk of entering the ocean. To deal with the root cause of ocean plastic, REPREEVE® Our Ocean® fiber is made from bottles collected within 50 kilometers of coastlines in countries or areas that lack formal waste or recycling systems.

Ocean Cycle has certified our ocean. OceanCycle is a social enterprise that works to stop plastic waste from ending up in the ocean and help people living near the coast make a better living through certification and direct social interventions.

## ADVANTAGES OF REPREEVE OUR OCEAN



Save Water



Sustainability



Eco-Friendly



## Cotton's Place in *Today's World*

Cotton constitutes approximately 3% of the world's agricultural production, and cotton is the most preferred raw material in fabric production. Unlike the other methods, organic cotton is grown without pesticides, herbicides, and other chemicals.





# ADVANTAGES OF ORGANIC COTTON



Sustainable



Soft Touch



Chemical-Free

Organic agricultural products prevent our exposure to synthetic pesticides that pollute the soil, air, and food. In the long run, they protect us from ailments caused by chemicals, such as asthma or cancer. Therefore, their goal is to protect not just ourselves but also the environment we live in.

AYDIN designed Organic Cotton fabric to provide a nature-friendly comfort that helps you to protect the environment and your skin health. Experience soft and sustainable living in your house with the comfort of Organic Cotton.

**FOR MORE INFO** 





## AYDIN offers fabrics with BCI certification to create a comfortable and sustainable living environment

Better cotton is the world's leading sustainability initiative for cotton. BCI works with cotton farmers worldwide, training and capacity-building on more sustainable agricultural practices. Producers must meet the core requirements of the Better Cotton Principles and Criteria to become licensed to grow and sell their cotton as Better Cotton.

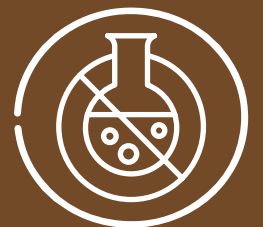
## ADVANTAGES OF BETTER COTTON INITIATIVE



Sustainable



Soft Touch



Chemical-Free

FOR MORE INFO





NATURE  
FIBER

Nature Knows the best  
*Nature's Miracle*

AYDIN is proud to offer a large selection of modern environmental fabrics that contain wool, cotton, linen, viscose, and more natural fibers. By adding more natural fibers to our fabrics we decrease our carbon footprint.

NATURE FIBER



# SOFT FABRIC



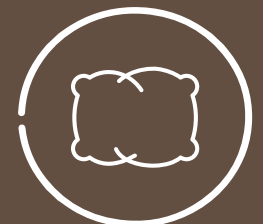
## ADVANTAGES OF NATURE FIBER



Sustainable



Soft Touch



Natural Look



Eco Friendly

While creating more sustainable products, we also create softer and better-looking fabrics. The softer fabric will feel like you are sitting on the clouds. The natural and better-looking fabric will make your living space more elegant.

With Natural Fiber fabric decrease your carbon footprint and enjoy the natural touch and look. You will fall in love with nature's miracle.

FOR MORE INFO





aquanon

WATER FREE PRODUCTION  
TECHNOLOGIES FOR A  
*Sustainable Future*

AQUANON



It's estimated that the fashion industry uses around 93 billion cubic meters of water annually, which is four percent of all freshwater extraction globally. On current trends, this amount is set to double by 2030.



FOR MORE INFO





# SAVE WATER SAVE FUTURE

Save 10 tons of water  
in 1 ton of yarn production  
with **AQUANON**



AYDIN R&D Center developed a new technology that allows us to produce fabrics without using a single water drip. Using Aquanon, we save 10 tons of water in 1-ton yarn production by coloring our yarns with digital printing. Aquanon technology also uses a non-contact spraying system that reduces energy and chemical consumption.

## ADVANTAGES OF AQUANON



Save Water



Sustainability



Eco-Friendly



**PERFORMANCE**  
*Series*





# MEMBREATH HYDRAPROF

Water covers more than 70 % of Earth's surface. It was in the water that life on Earth started, so it is not surprising that all living things on our blue planet need water. Water has a lot of benefits but it can also harm, create molds and rot a lot of items.



HydroProof is waterproof and waterrepellent even under pressurized water and the water easily slides without passing through the fabric. Hydroproof can have special finishing or a waterproof membrane that protects the fabric from getting wet. With HydroProof you can increase the life span of your fabric. The breathable finishing and membrane prevent the fabric from being saturated by bacteria that may cause a bad odor.

[FOR MORE INFO](#)



## ADVANTAGES OF MEMBREATH



Washable



Water Proof



Protection



Odor Prevention



Durable



# FABTECH

FOR MORE INFO



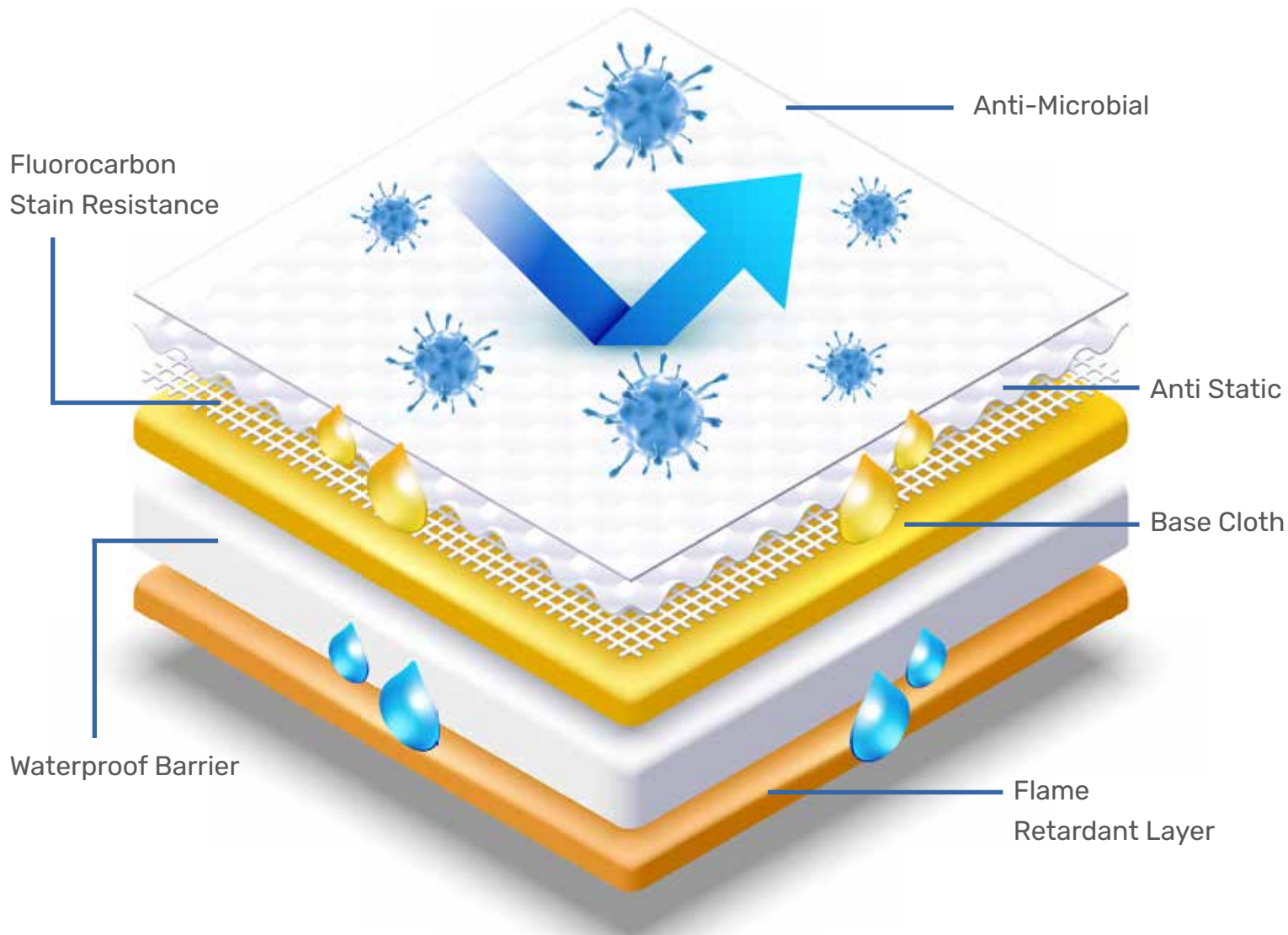
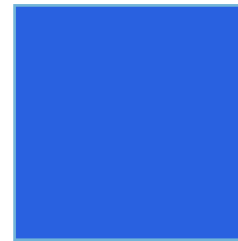
We believe that

**“We cannot solve our problems with the same thinking we used to create them.”**

So we created Fabtech, a state-of-art- product of this decade. Fabtech is the definition of where innovation and design meet. The Fabtech offers flame retardancy, waterproofing, stain repellency, anti-staticity, and antimicrobial protection with a combination of quality, design, and color.



# HOW IT WORKS?



## ADVANTAGES OF FABTECH



Flame-Retardant



Water Proof



Breathable



Stain-Repellency



Anti-Microbial



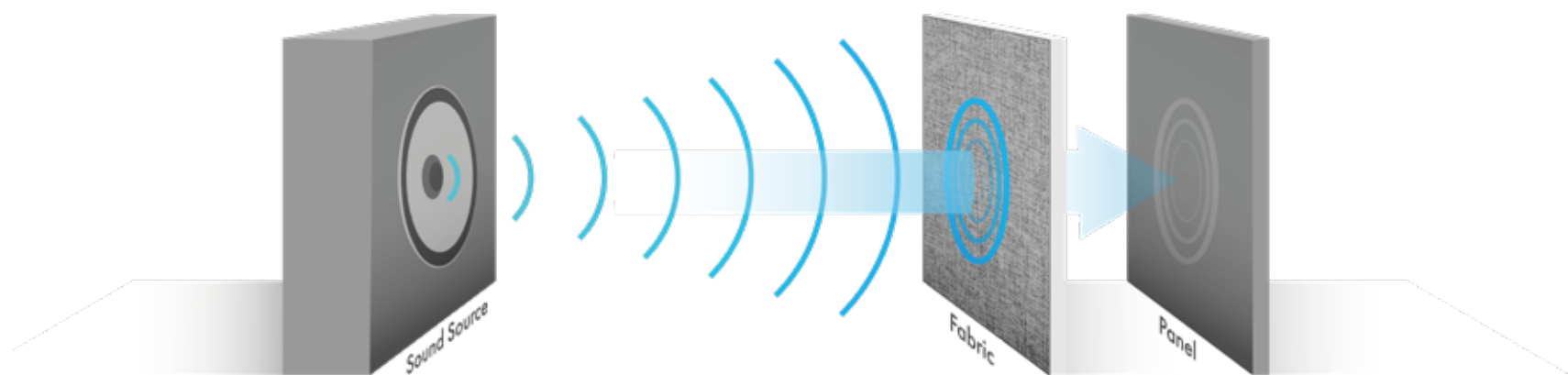
# ACOUSTIC FABRIC

“Good room acoustic can improve health, communication, productivity and living standart.”

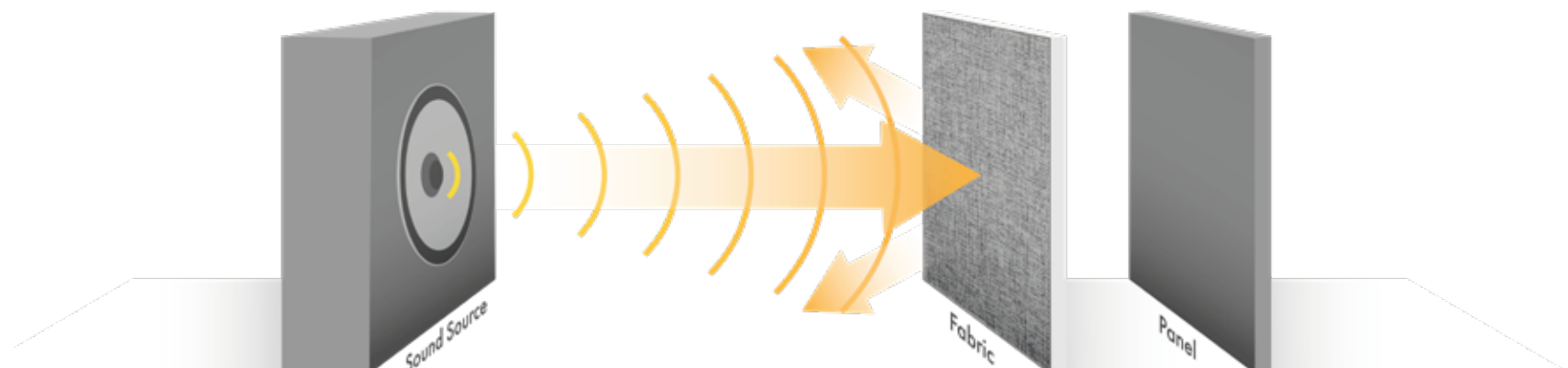
There are a lot of ways to increase room acoustics with the help of AYDIN acoustic fabric. They can be used as curtains, chairs, room separators, wall covers, ceiling suspensions, and more.

ACOUSTIC FABRIC

## AYDIN ACOUSTIC FABRICS



## OTHER FABRICS



AYDIN offers acoustic fabrics that can be water and stain-repellent.

So you can keep the environment clean. Non-flammable acoustic fabrics are also possible with AYDIN technology.

## The Performance

The amount of sound that passes through the fabric is measured with NRC (Noise Reduction Coefficient) which is a number between 0 and 1. 0 being a highly reflective surface and 1 being absorbing all of the sound.

The higher the NRC rating, the more sound is absorbed, making it ideal for acoustically sensitive areas. AYDIN Acoustic Fabric has an NRC ratings close to 0,9 which makes them.

FOR MORE INFO



## ADVANTAGES OF ACOUSTIC



Acoustic Fabric



Sustainability



Sound Isolation



Easy Care



Environment  
Friendly





intelligent  
cleaner

INTELLIGENT CLEANER

## *Always Clean* **ALWAYS HEALTHY**

Hygiene practices are very important to improving life quality. Inadequate hygiene usually causes deterioration in daily living activities.

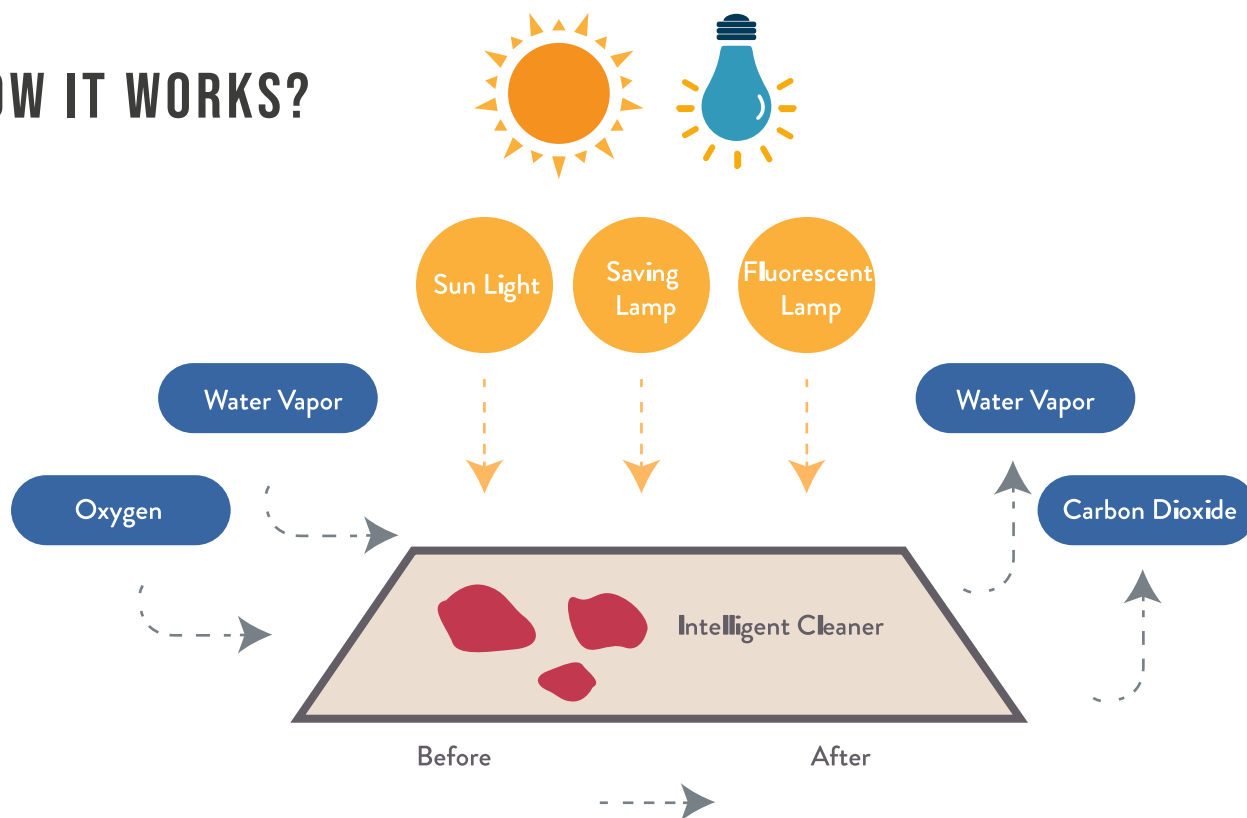
Thanks to nanotechnology, the Intelligent Cleaner absorbs light energy. It purifies itself from organic dirt and stains in a very short time. An intelligent cleaner is the most effective and intelligent way to keep your sofas clean.

FOR MORE INFO



# CLEANING FABRIC

## HOW IT WORKS?



## ADVANTAGES OF INTELLIGENT CLEANER



Easy to Clean



Nanotechnology



Washable



Children and Pet-Friendly



Environment Friendly



**SAFEGUARD**  
*Series*







FLAME PROOF

FLAMEPROOF



# SAFETY *Comes* FIRST

AYDIN offers an upholstery fabric that will bring peace to your home: FLAMEPROOF. Combining safety and cleanliness in a single upholstery fabric, AYDIN creates a safe and peaceful home environment.

## AYDIN offers an upholstery fabric that will bring relief to your home: **FLAMEPROOF**

A safe home gives us the peace we need and helps us feel good. AYDIN uses a wide variety of textile coating products that provide flame retardant performance to upholstery fabrics and meets the product needs of upholstery fabric standards following the standards of each country.

These back coats also improve other properties of the upholstery fabric, such as improved seam slippage and abrasion resistance, and provide a long-term use advantage. We know a lot about what the market needs, so we can give you and your customers the best products without sacrificing performance or quality.

Test Name	Test Method
Cigarette Test	BS 5852
Match Test	BS 5852
Crib 5	BS 5852
Cigarette Test	EN 1021-1
Match Test	EN 1021-2
Cigarette-Match Test	BS 7176 Low
Cigarette-Match Crip 5 Test	BS 7176 Medium
Cigarette-Match Test	IMO PART 8
Cigarette Test	CALL 117
Cigarette Test	NFPA 260
M Test	NFP 92 5XX (M1)
M Test	NFP 92 5XX (M2)
M Test	NFP 92 5XX (M3)
B Test	DIN 4102 (B1)
B Test	DIN 4102 (B2)

FOR MORE INFO



## ADVANTAGES OF FLAME PROOF



Flam Retardant



Safety



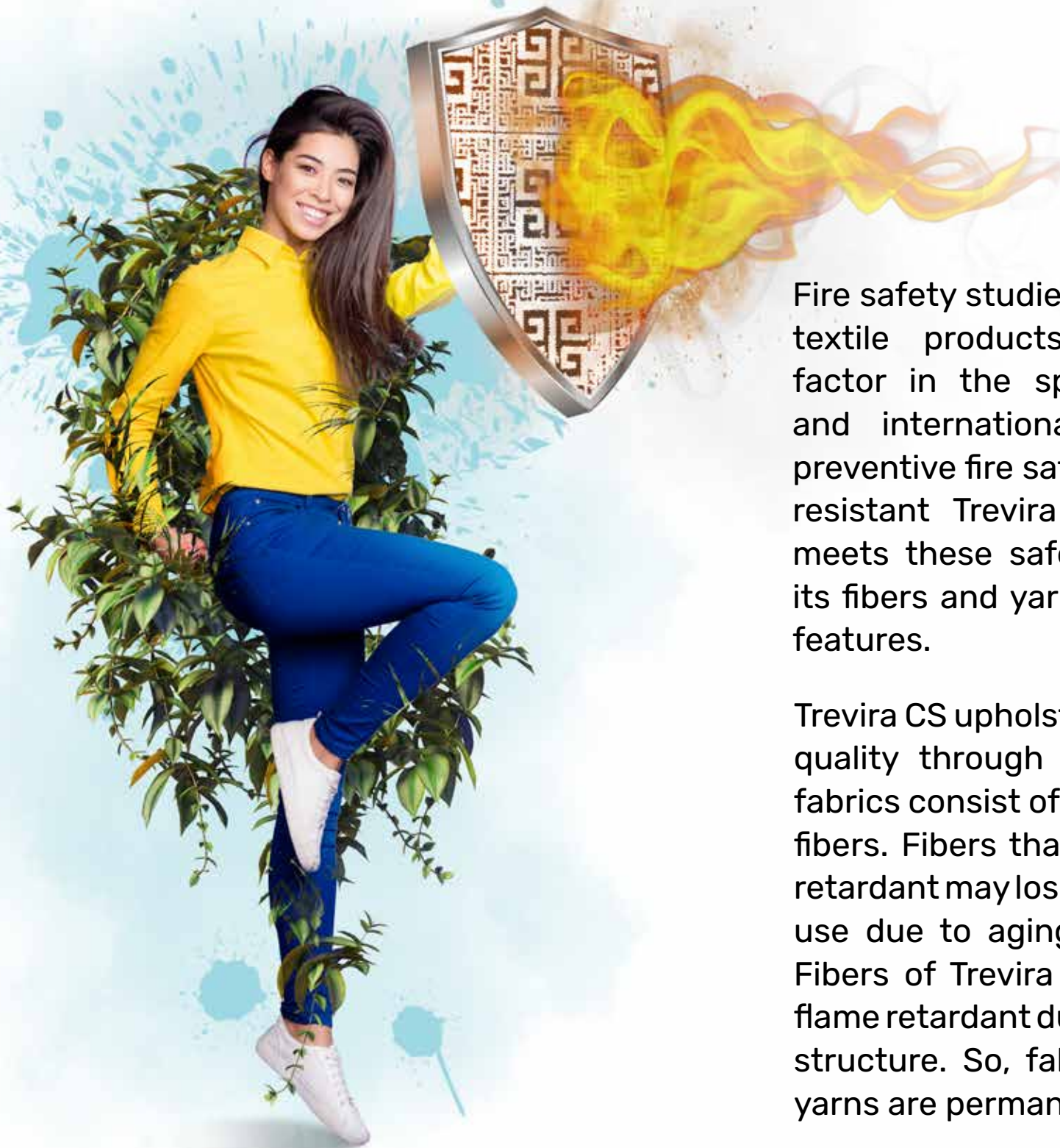
Standard FR





# BUILT IN SAFETY

TREVIRA



Fire safety studies reveal that unsuitable textile products can be a serious factor in the spread of fire. National and international standards regulate preventive fire safety measures. The fire-resistant Trevira CS upholstery fabric meets these safety standards because its fibers and yarns are built with safety features.

Trevira CS upholstery fabric offers proven quality through test processes. These fabrics consist of Trevira flame-retardant fibers. Fibers that are later added flame retardant may lose their protection during use due to aging or frequent washing. Fibers of Trevira CS fabric were born a flame retardant due to its high technology structure. So, fabrics made from these yarns are permanently flame-retardant.

FOR MORE INFO



Flame-retardant **Trevira CS** upholstery fabrics meet these important standards because they are made of fibers and yarns with built-in safety measures.

In addition to environmentally friendly production, materials made from Trevira CS do not require any additional flame retardant treatment harmful to the environment. In addition, flame retardant Trevira CS yarns are certified according to STANDARD 100 by OEKO-TEX®. In the event of a fire, only a very small amount of toxic gas is produced. This is of great importance because, in the case of a fire, the danger of suffocation brought on by the smoke gases is far greater than the risk of being injured by the fire itself.

## ADVANTAGES OF TREVIRA



Flam Retardant



Sustainability



Safety



Eco Friendly





# Hallogen FREE FR

Flame retardants are substances or compounds added to the requested material to prevent the spread of fire. In general, widely used flame retardant products are halogenated compounds. Although halogenated flame retardants perform well, many chemicals create health and environmental problems.

ECOTECH FR



Since the newly developed Ecotech Fr does not contain halogens, it is environmentally friendly and does not threaten human health. Ecotech Fr fabrics create economic, environmental, and social values. With our Ecotech Fryers, we offer flame-retardant products that not only protect against fire but also protect the environment and human health. Our Ecogfr application allows recycling at the end of its life and Oekotex compliance.

\* Non Toxic

\* Non disrupting of the reproductive system

\* Non Carcinogenic

\* Non Chlorinated

### Free From:

Halogen

Heavy metals

Bromine

Antimony

Organophosphate

Fluorocarbon

Bio-accumulative

Chemicals

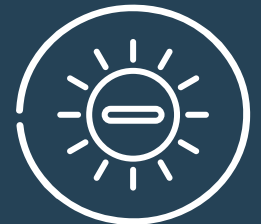
FOR MORE INFO



## ADVANTAGES OF TREVIRA



Sustainable



Halogen Free



Flame Retardancy



Eco Friendly





IMO FR



## ADVANTAGES OF TREVIRA

Fire can be devastating on a ship - particularly on a passenger ship, where large numbers of people may need to be evacuated, or on a ship carrying inflammable cargo, with serious risks to crewmembers or to ports and harbors. Aydin proudly offers IMO FR to offer safer rides to all ship passengers in the world.



Safety



Marine Life Friendly



Flame Retardancy



Eco Friendly

We offer FR fabrics that are certified under the Marine Equipment Directive which is one of the most strict FR standards in the world.

FOR MORE INFO





FOR MORE INFO



# The Future of Textile, The Future of Our World...

Aydin is changing the whole FR fabric approach in the world. With its wide product range, operational excellence, flexibility in production, customer-focused approach, and innovative vision, Aydin continues to transform the world and our future.

After hundreds of online and offline meetings, experiments, and trials, New FR Tech passes every physical and FR test and provides numerous benefits to our world.

## NEW FR TECH

### *It also has:*

- \* No smell: Get rid of the bad smell of Halogen Free FR
- \* Less uncertainty at the weight of the fabric
- \* Less filling materials need during furniture manufacturing
- \* Easier upholsterability



# Aydin: Innovation & More

- Halogen Free: No fluorine (F), chlorine (Cl), bromine (Br), iodine (I), and astatine (At)
- Bio-degradable: It can take between 20 to 50 years to biodegrade.
- Water efficient: Save up to 250 liters of water per 1000 meters compared to standard FR.
- Energy efficient: Decrease natural gas usage by 20%. Save up to 50m<sup>3</sup> of gas per 1000 meters of fabric compared to standard FR.

## ADVANTAGES OF NEW FR TECH



Sustainable



Energy Efficient



Bio-degradable



Flame Retardancy



Water Efficient

**Sustainability**



**Performance**



**Hallogen Free**



**Flame  
Retardants**



**Innovation**





# 2023 FAIRS AYDIN FAIR



**HEIMTEXTIL**  
JANUARY / GERMANY

**DOMOTEX**  
JANUARY / GERMANY  
MAY / TURKEY

**LONDON  
FABRIC SHOW**  
MARCH / UK

**ISPA**  
MARCH / USA

**PROPOSTE**  
APRIL / ITALY

**HOMETEX**  
MAY / TURKEY

**ITA  
SHOW TIME**  
MAY / USA

**INTERZUM  
COLOGNE**  
MAY / GERMANY

**FOR MOBILE**  
JULY / BRASIL

**IBIA EXPO**  
OCTOBER / TURKEY

**AUTUMN  
FABRIC SHOW**  
OCTOBER / UK

**INTERWOVEN**  
NOVEMBER / USA









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