

SEALON Profile

PLEASE
ALONE

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SEALON WHAT WE DO

At SEALON,
we pursue to be a company with its top technology skills and passion
to grow as the best adhesive film company to meet the needs of
customer's satisfaction and industrial development.



A Leader in South Korea



SEALON strives to produce and develop seam tape and adhesive film to adapt for the ever-changing sewing market with the foundation of experience and technology since its establishment in 2002.

Advanced Eco-friendly Production



SEALON's recycled & recyclable seam tapes and adhesive films for eco-friendly garments are examples of how SEALON's products are being applied.

These products are expected to lead sustainable fashion industry and raise the bar for other manufacturers. With cutting edge products to production, we are becoming a major suppliers to global vendors.

Proven Water Proof Technology



With many years of experience and advanced technology, **SEALON** has made perfect seam tapes and adhesives that matches the most famous and trending waterproof fabrics. (PTFE, pre-, post-consumer laminating)

Our Technical Service team around the world, helps you to find the perfect match to your fabric and makes sure your garment is fully waterproof.

Global Leader

SEALON has built Technical Service centers all around the world from Seoul to Spain.

We want to give our customers the best services and technical support wherever, whenever you are.



SEALON WHAT WE MAKE

To produce the cutting edge outdoor garments, perfect waterproofing and sewing skills are required.

SEALON not only improves the customers' product by strengthening the waterproof garments, but it also completes the requirements of the customers with unique designs and ideas

We Seal the garment

SEW

so it doesn't loses it's waterproof functions.

SEAL

Seam Tape



During the process of sewing the fabric, waterproof and outdoor garments lose their function from the sew holes created.

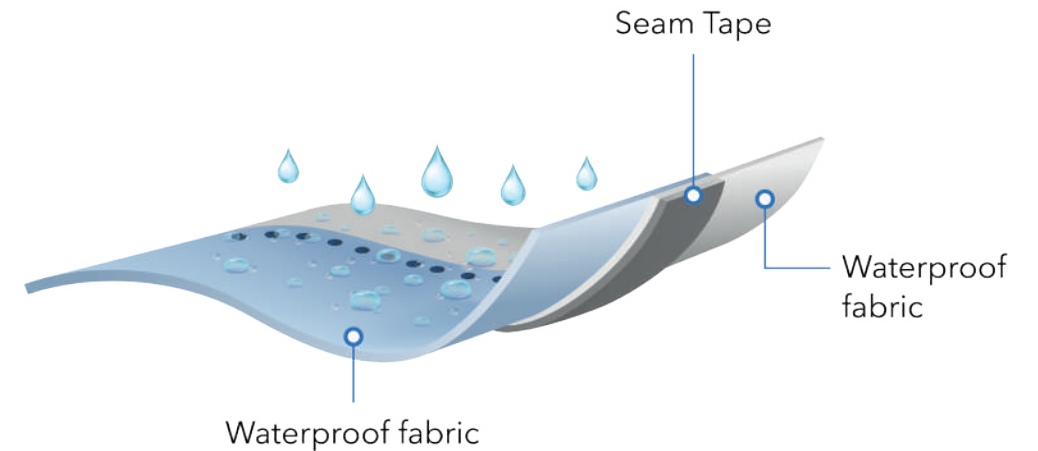
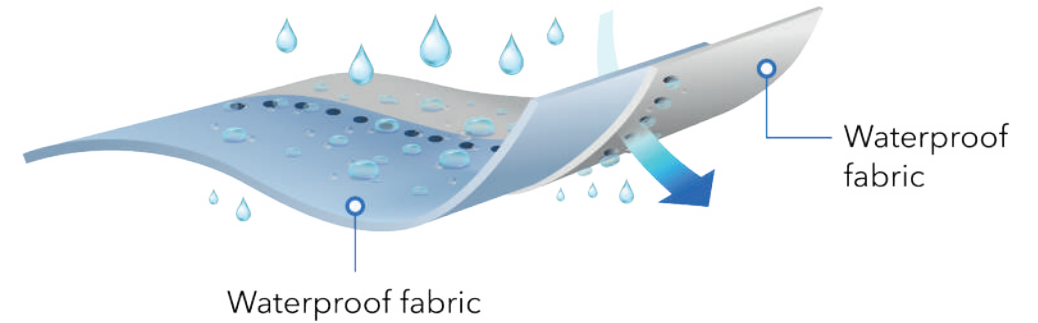
In order to fill in the small gaps created, **SEALON's** seam tape is an adhesive tape that solves this problem.

It increases the durability of the product and prevents moisture, substances from penetrating into the garment.

What is Seam Tape?

Seam tape is a thermoplastic adhesive film applied to sewn seams of waterproof fabrics to prevent water from leaking through the seams.

- Although the functional fabric is used, water could permeate into the garment through the seams.
- Therefore, seam sealing tape could be applied on seams, so that the garment can keep the waterproof function by preventing water from leaking through the seam area.

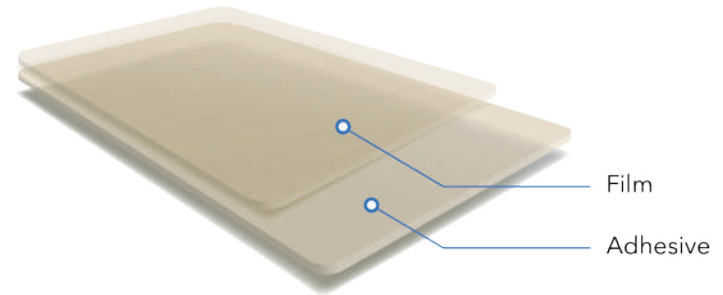


Types of Seam Tapes

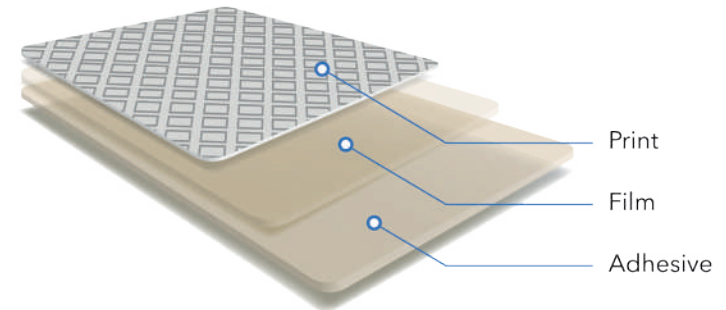
- COLOR
- Clear
 - Solid Color
 - Pattern

- BACKING
- Tricot
 - Single Jersey
 - Woven Mesh
 - Interlock Knit

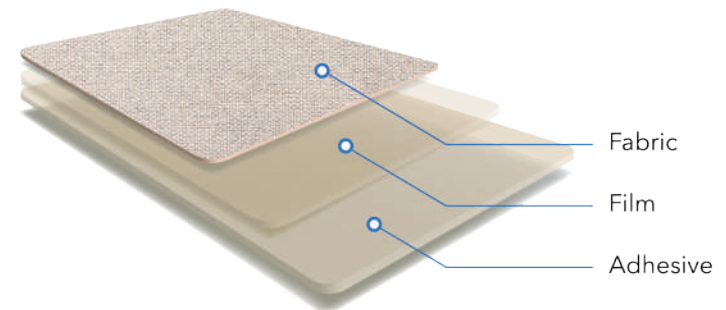
2-Layer



2.5-Layer



3-Layer



Adhesive Film



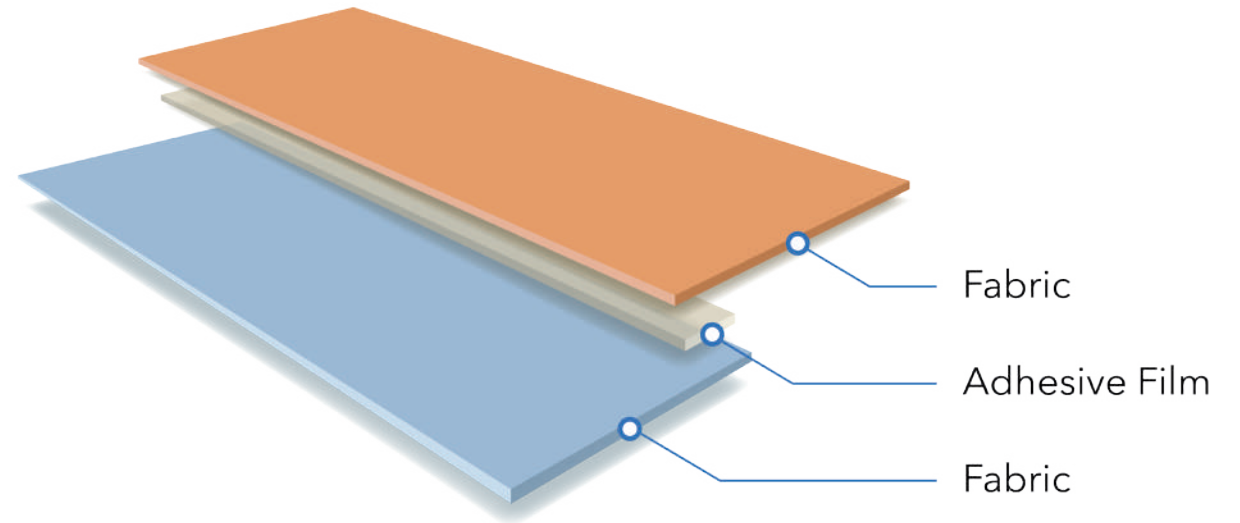
SEALON's adhesive film is a double-sided adhesive tape, which connects the clothing without sewing. Garments with minimal seams provide fit and comfort even during on dynamic activities.

What is Adhesive Film?

Adhesive for attaching fabrics, trims, or components without using any needles or thread, reducing the stitch holes in the fabrics caused by sewing. This workmanship creates neat finishes with waterproof functions.

BONDING

Adhesive bonding is the process of binding two different or same fabrics together without sewing. The polyurethane film base adhesive enables this procedure by penetrating inside of two different fabrics



Adhesive Film Application



Ventilation



Zipper



Patch



Overlap



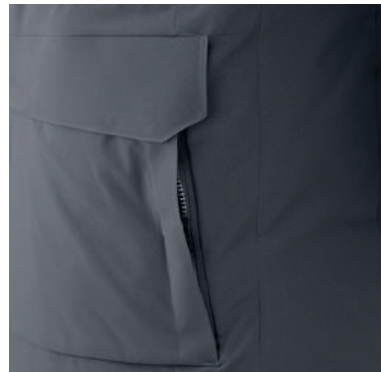
Hem



Hood brims



Welding down JKT



Pocket Flap

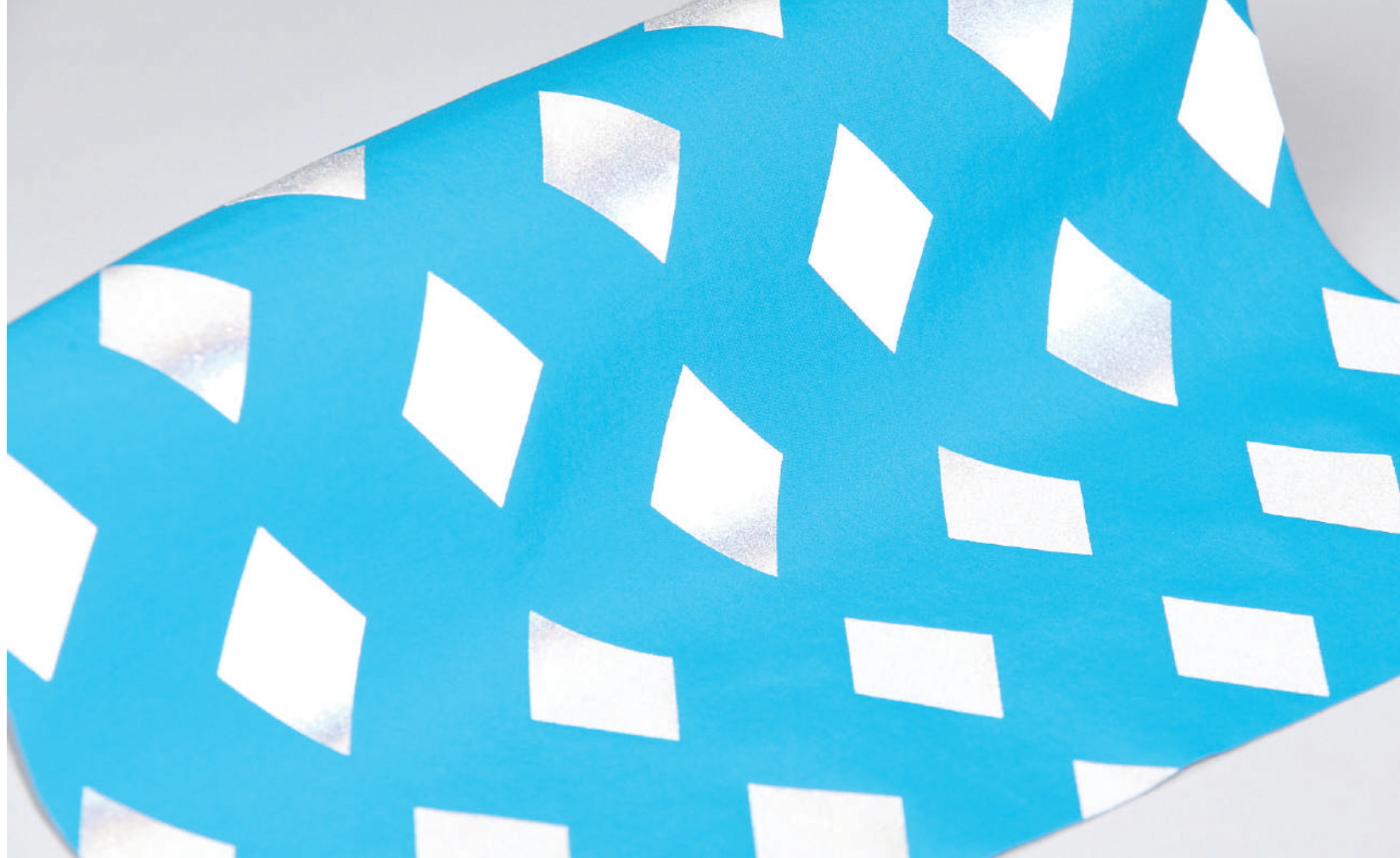


Socks



Underwear

Deco Film



Deco film creates the design, product logo, patches and zippers etc that are perfectly designed for you. **SEALON's** deco films are easily applied to the clothing you want and have the advantage of reflection and breath-ability.

What is Deco Film?

Decorative (Deco) film is designed to enhance the performance and appearance of the garment.

Deco applications can take place of conventional sewing, providing a strong bonding with good abrasion resistance while maintaining the stretch and recovery of the fabric.

The color, shape, and material can be customized with each design.

Deco Film Applications



Logo



Edge binding



Top of interlock seam



Side seam



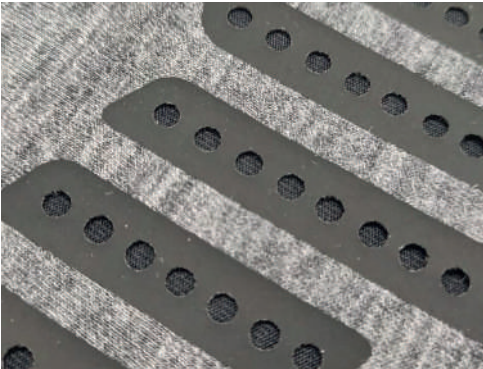
Eyelet



Eyelet



Zipper surrounding



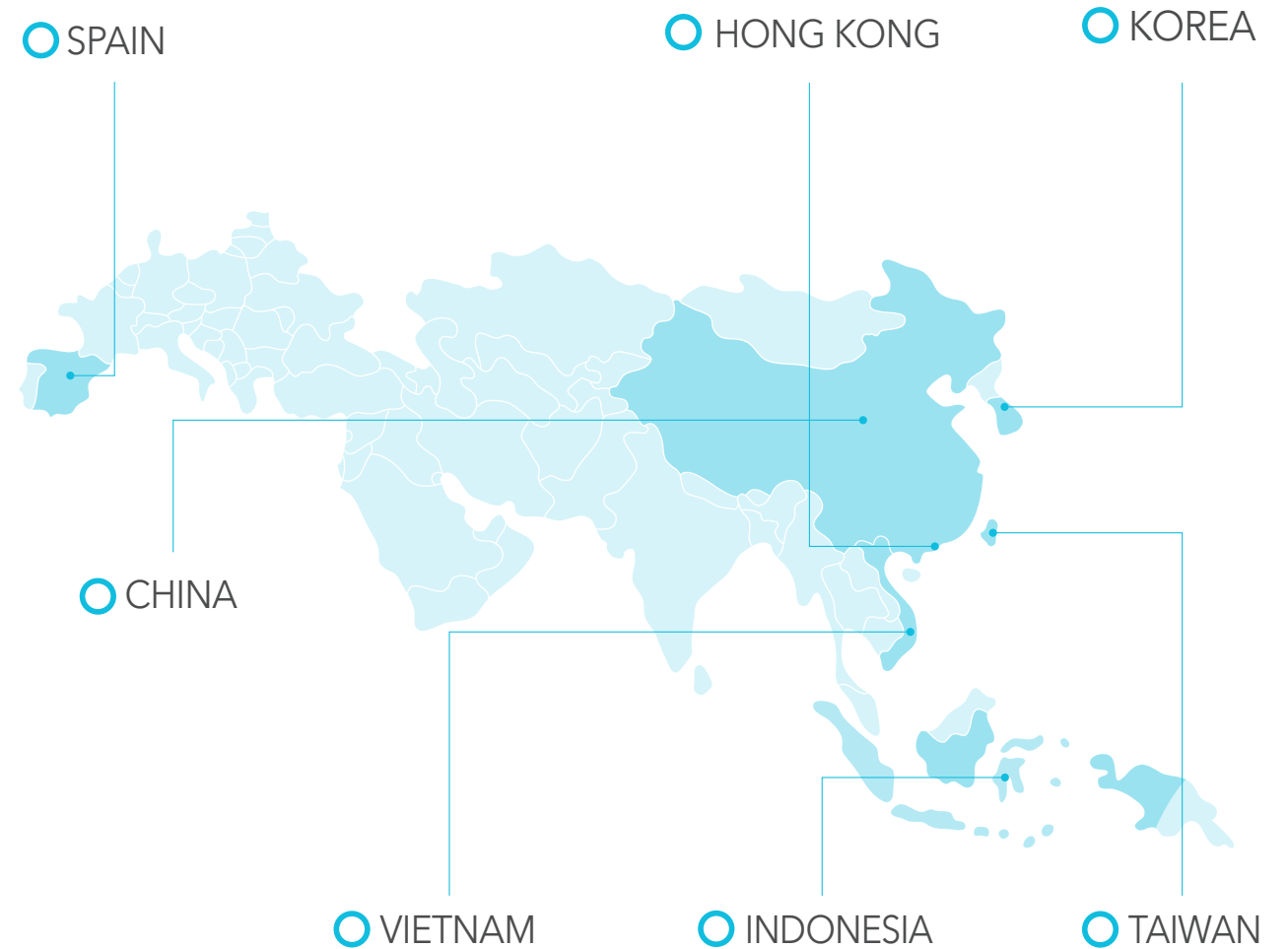
Ventilation



Technical Service

SEALON aims to provide high quality technical support anywhere a client wants.

It provides the best services after professional and systematic test procedures to apply SEALON products to the application desired by the customers.



Technical Service

We have the answers to the questions.



Equipment and Test References

EQUIPMENT

- Sewing machine
- Seam sealing machine(H&H: AI-008, Nawon: HTM 3777LDI, HTM 5533LDI, HTM 5588s)
- Hydrostatic Pressure Seam Tape Tester - with test area of 100cm² and speed 60 mbar/min
(Textest: FX3000-IV)
- Hydraulic Tester (Nawon: HTM-2225A)
- Universal Testing Machine(UTM): Shimadzu AGS_X
- Continuous machine: Nawon stich free HTM-820
- Front loading machine(LG)
- Top loading machine(Whirlpool)
- Tumble dryer(Whirlpool, LG)

REFERENCES

- AATCC 127 - Water Resistance : Hydrostatic Pressure Test
- ISO 811 - Determination of resistance to water penetration : Hydrostatic pressure test
- AATCC 135 - Dimensional Changes of Fabrics after Home Laundering (10x's wash/dry)
- ISO 6330 - Domestic washing and drying procedures for textile testing
- ISO 139 - Standard atmospheres for conditioning and testing



Sealon's spirit & Core value

This promise is the foundation of business and brand **SEALON**.

At **SEALON**, we operate with the spirit of the archetype The Caregiver.

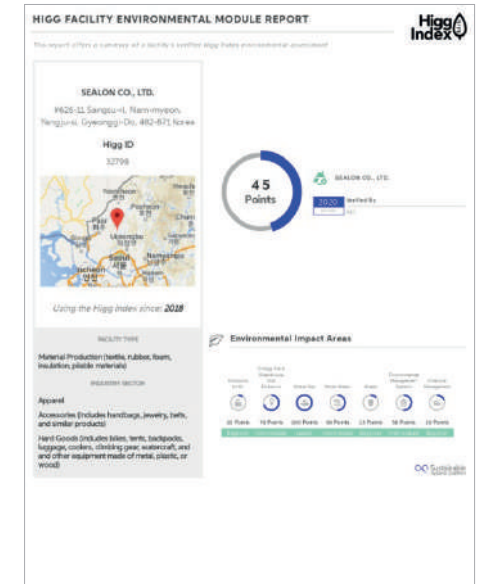
They are reflected in our Core value and serve the guide to run our business.



Sustainability

SEALON thinks safety and environmental management at a matter of the highest priority.

SEALON leads an important role in improving social safety and environmental standards by making safe workspaces and protecting the environment.



Sustainability

○ Recycled Product

It is produced by using polymers made of decomposed waste plastic.

Production using polymers effectively reduces oil consumption and greenhouse gas emissions compared to the existing production process.

○ Recyclable Product

This eco-friendly product can be recycled from the process stage to the after use.

It can be recycled into plastic bottles or other plastic products without being discarded after use.

○ Bio-Based Product

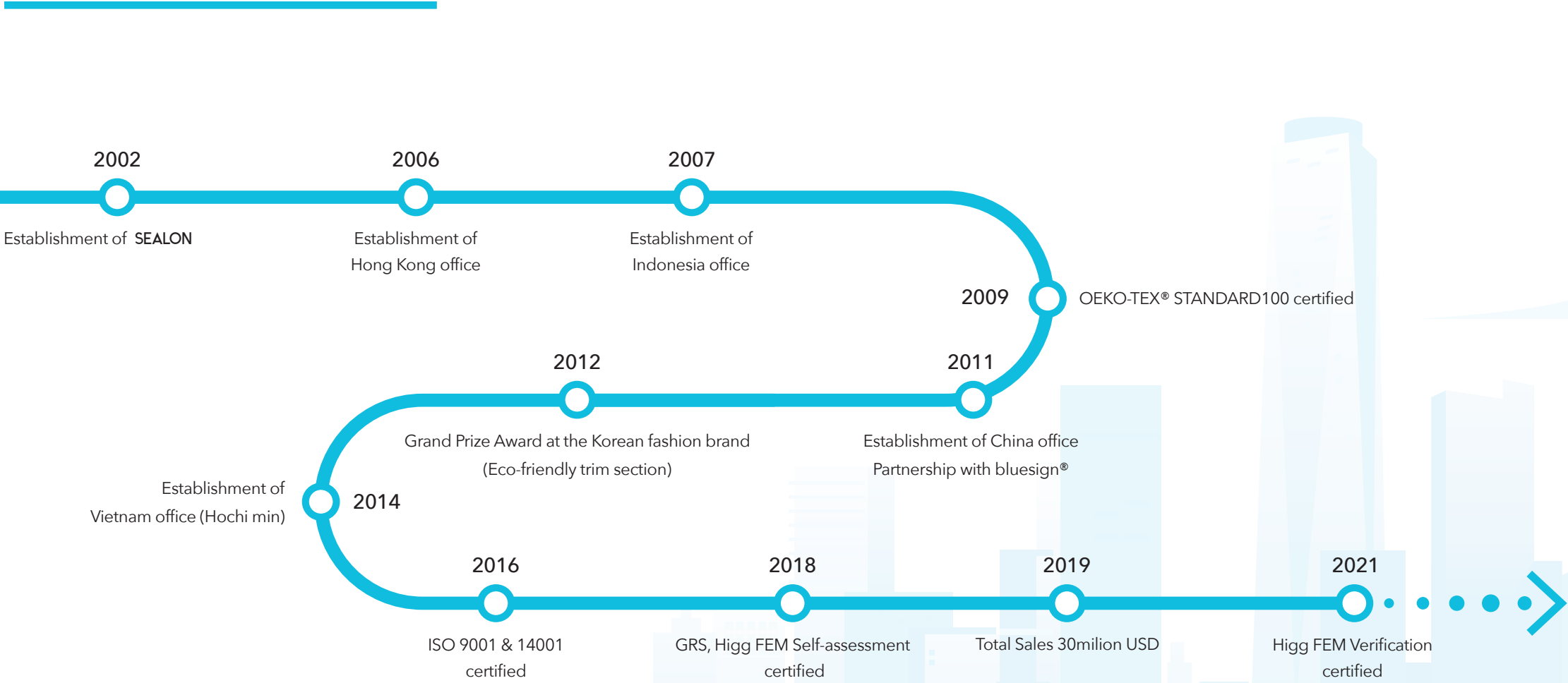
It is produced from natural ingredients from castor oil and corn.

We reduce the consumption of petroleum resources and minimize carbon emissions by using eco-friendly biomaterials.

○ Bio-Degradable Product

Bio-decomposable products use biodegradable natural resources that can be re-degraded to soil or sea after disposal. It ultimately reduces the damage caused by environmental pollution from incineration and reclamation of industrial waste.

Milestone



SEALON Today

After the establishment in 2002, **SEALON** has grown to one of most recognizable trim company.

Our business expertise from adhesive films to various specialty films.

And by quickly adapting and responding to the fast changing fashion industry, we've led the industry to more innovative and creative.

Our focus on sustainability, technology and investment has helped us to successfully overcome tough challenges.

We are now more focusing on how to make the world more safe and sustainable for future generations.



SEALON Global Network

○ Korea, Seoul (H.Q.)

Digital-ro 26-gil, Guro-gu, (#1320, 1-cha Ace High-end Tower, Guro-dong)
Seoul, Republic of Korea

○ Hong Kong

Unit 1220-1222, 12/F, Bolck B, Hi Tech Industrial Centre, 491-501 Castle Peak
Road, Tsuen wan, HK

○ Vietnam, Hanoi

Lot No LK 8-08, FLC zone, No. 64 Sai Dong str, Long Bien Dist, Hanoi, Vietnam

○ Vietnam, Ho Chi Minh

160/1/27 Phan Huy Ich Str, Ward 12, Go Vap Dist, Ho Chi Minh City, Vietnam

○ China, Shanghai

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Shanghai, China

○ Taiwan, Taipei

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○ Indonesia, Jakarta

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SEALON

KOREA

