



# xpore

ADVENTURE FOR LIFE

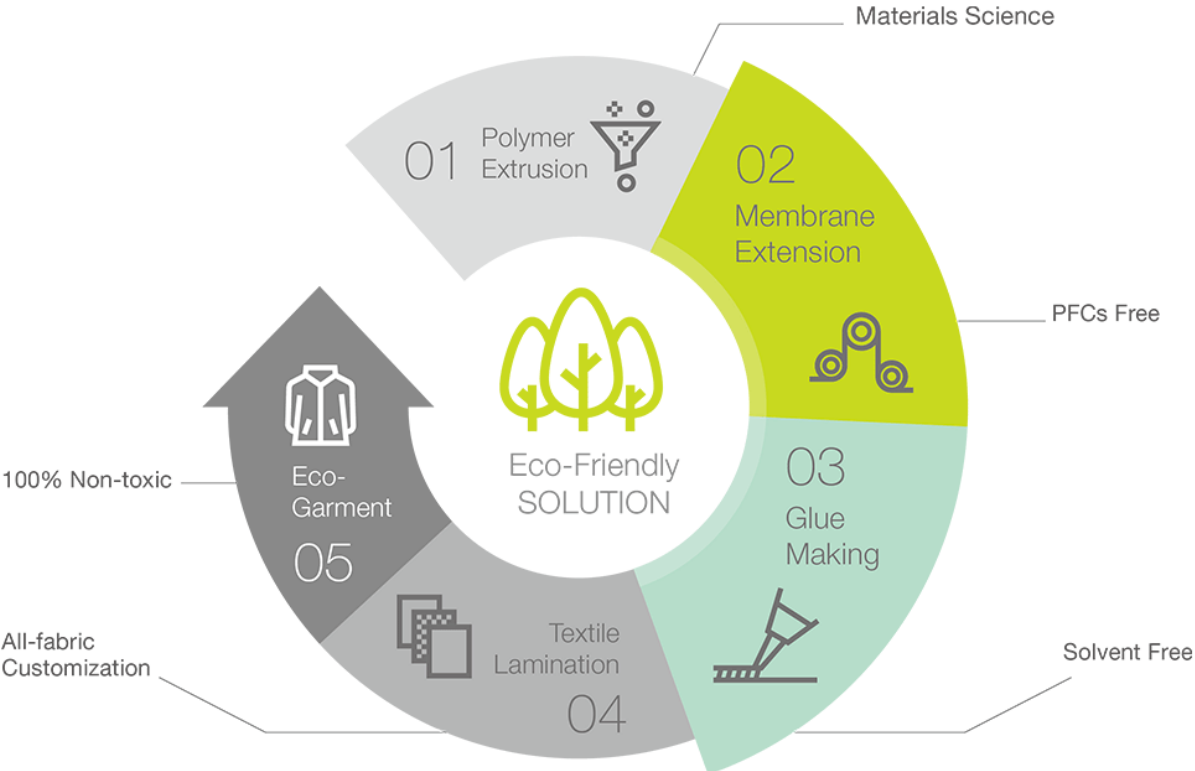
# Eco-sustainable Waterproof-breathable Textile Technology

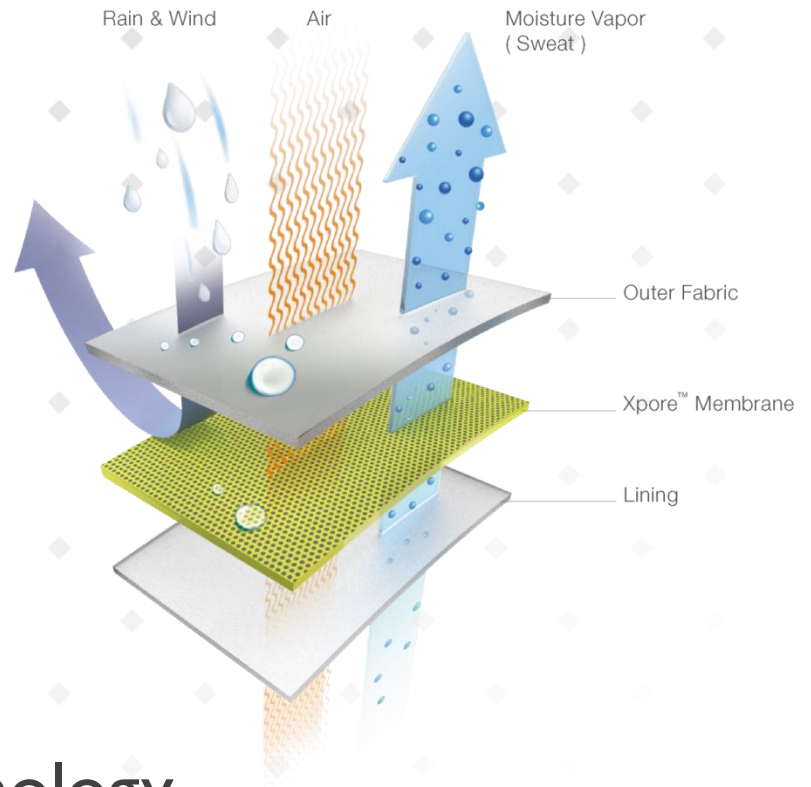
Created with specially designed breathing pores, Xpore is the best-in-class waterproof-breathable textile technology that provides the sustainability conscientious adventurer with all-weather protection and excellent comfort to explore the world.

# Sustainable Value

## Eco-Friendly Solution for the Beauty of the Earth

Xpore is committed to the environment. Our unique Eco-Friendly Solution enables best-in-class waterproof-breathable performance to coexist with sustainability at a level never achieved before. All of our products are made of 100% PFCs-free materials produced from an entirely solvent-free process, which is harmless to the environment. With every Xpore product, we work to keep the Earth beautiful.





## Exploration in Technology

### Introducing Xpore® Technology—Nanopores to Truly Breathe

At the core of Xpore® Technology is a layer of unique ultra-thin membrane with 10 billion nanopores in every square inch. The pores are 20,000 times smaller than water droplets, so they perfectly block the rain. But they are large enough for perspiration vapor and airflow to pass through. This is how Xpore® Technology reaches true breathability and keep things dry and comfortable as you achieve more.

### Impeccable All-Around Performance

Xpore’s nanoporous membrane technology provides durable waterproofing, sturdy windproofing, and even bacteria and mite blocking. Xpore is lightweight, fast-drying, eco-friendly and non-toxic on top of its exceptional breathability. This technology strives to achieve impeccable all-around performance in a single product.



WATERPROOF



WINDPROOF



BREATHABLE



LIGHTWEIGHT



FAST-DRYING



BACTERIA  
BLOCKING



ECO-FRIENDLY

## All Geared-up for New Ideas

As the world's one-of-a-kind, integrated eco-solution, Xpore is equipped to produce performance textiles from membrane creation, to the lamination process to textile manufacturing. Xpore® Technology can be applied to any fabric you can imagine. Natural fibers like cotton and wool can easily be applied with Xpore. It can even be applied to special materials such as leather and denim.

## Maximally Sustainable with Recycled Fiber

On top of Eco-Friendly Solution, Xpore achieves sustainability to the highest level by introducing the Recycle Series. Featuring waterproof-breathable products made with recycled fibers, the Recycle Series is the most sustainable choice to date for those with eco-conscious, active lifestyles.

Membrane Information	Membrane Tech			Brand G P Series	Brand G A Series	Brand S	Brand F	Xpore 75D*75D Recycle
	Item	Test Method	Unit					
	Material	-	-	PTFE	PTFE	TPEE	PU by Electro Spinning	Polyolefin
Textile Information	Water Resistance	ISO 811	mmH <sub>2</sub> O	> 15,000	> 15,000	> 10,000	> 10,000	18,690
	Water Resistance (After washing 5 times by ISO 6330 3N)		mmH <sub>2</sub> O	> 15,000	> 15,000	> 10,000	> 5,000	17,380
	Breathability	JIS L1099 A1	g/24hr/m <sup>2</sup>	> 10,000	> 7,000	> 4,000	> 10,000	10,424
	Moisture Permeability	JIS L1099 B1	g/24hr/m <sup>2</sup>	> 15,000	> 15,000	> 10,000	> 15,000	19,000
	Weight	-	g/m <sup>2</sup>	162	119	109	173	121
	Bonding Force (Outer Fabric)	ISO 2411	kgf	> 0.4	0.13	> 0.4	> 0.4	> 0.4
	Bonding Strength (Lining)	ISO 2411	kgf	0.1	> 0.4	> 0.4	> 0.4	> 0.4
Note	Sampling measurement is for reference only.							

# Xpore Xtreme

## For Outdoor Exploration

Face the great outdoors with confidence. With Xpore Xtreme, explore beyond your boundaries, fearless of all weather conditions.

- Best Breathability
- All-Around Performance
- Environment First



**Xtreme Power**  
Series

**Made for extreme weather conditions**  
Resilient in heavy rain, snow, and strong wind

**Xtreme Light**  
Series

**Made for regular weather conditions**  
Comfortable, light and fast drying

**Xtreme Recycle**  
Series

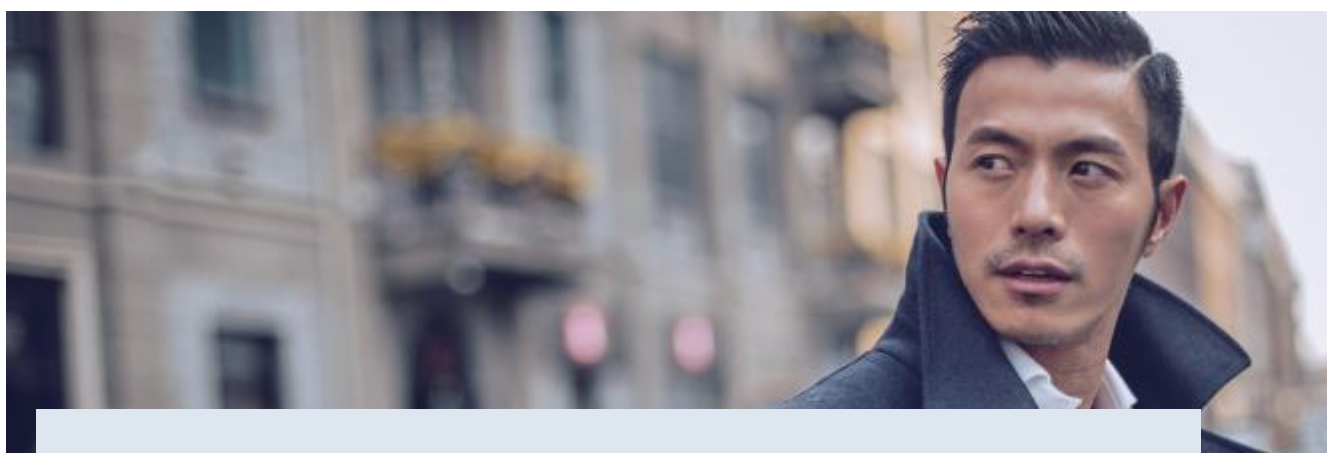
**Made for optimally eco-friendly lifestyles**  
Made with recycled textiles

# Xpore Xtra

## For Urban Lifestyle

Grab your leather jacket or wool coat and go. With Xpore Xtra, we guard your active life with exceptional softness and style on top of our excellent all-weather protection.

- All-Weather Protection
- Extra Softness
- Designer-friendly



**Xtreme Active**  
Series

**Made for active urban life**  
with lightweight fabrics

**Xtreme Natural**  
Series

**Made for everyday comfort**  
with natural fibers

**Xtreme Design**  
Series

**Made for personal styles**  
with special materials

# Awards

## ISPO TEXTRENDS

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Top Ten



**OD509**  
Composition : 100% Wool  
Weight g/m<sup>2</sup> : 165  
Ribstop



**OD600**  
Composition :  
37.5% Nylon - 70 den, 21.9% Recycle polyester - 30 den  
31.2 % Modal - 30 den, 9.4% Wool - 30 den  
C0 DWR  
Weight g/m<sup>2</sup> : 219  
Twill



Selection



**OD468**  
Composition :  
100% Polyester - 20 & 30 den  
Weight g/m<sup>2</sup> : 83  
Tie-dyed plain weave



**OD502**  
Composition :  
100% Tencel® - 250 den  
Weight g/m<sup>2</sup> : 226  
Denim



**OD507**  
Composition :  
100% Polyamide - 70 & 160 D  
Weight g/m<sup>2</sup> : 117  
Tie-dyed ribstop

## PERFORMANCE AWARD

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**OD677**  
Composition : 100% PES rec.  
Weight g/m<sup>2</sup> : 86  
Water Column 18000  
Breathability 10000 g/m<sup>2</sup>/24h

## TAIWAN EXCELLENCE 2021

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Silk waterproof-  
breathable textile



# ADVENTURE FOR LIFE

Going into nature is the ultimate way to find yourself. We live in a world full of beauty and wonder. Go outdoors. Breathtaking experiences are ahead.

Named for the spirit of exploration and unique breathing pores, Xpore ventures into the world of material science. Through years of relentless research, we redefined nanoporous membrane technology, unlocking new concepts for performance textiles with a commitment to sustainability.

We conduct rigorous laboratory trials to ensure that every product developed is superior, safe, and environmental-friendly as well as free of PFCs and solvent. From long-lasting waterproof, high breathability and moisture permeability, to bacterial and mite blocking benefits, Xpore provides excellent all-around protection that can co-exist with comfort.

Xpore is born from scientific adventure and evolves to enrich lives. We are here to safeguard outdoor journeys and explore wonders alongside you.



(Bluesign® certification / TAF certification in process)

# xpore

Website



<https://xpore-global.com>

LinkedIn



<https://www.linkedin.com/showcase/xpore>

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