



MORE ECO-FRIENDLY SHEICO NEOPRENE

Before designing each wetsuit,
SHEICO always considers how to
make it GREENER.

SHEICO Group

www.sheico.com



12.1 million kg per year of
carbon footprint could be eliminated
by our neoprene technologies.

SHEICO Group



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SHEICO GREEN TECHNOLOGIES THAT CREATE
MORE ECO-FRIENDLY NEOPRENE.

2.698_{KG} OR 24%
CO₂ REDUCED PER WETSUIT

SHEICO manufactures 45 million wetsuits a year. If all of our customers choose to use these green technologies, together we can reduce an extraordinary **12.1 million kg** of CO₂ emission every year.

LIMESTONE NEOPRENE

We use earth mined limestone to replace petrochemicals in our neoprene. It comes from nature and has less environmental impact.

ECO CARBON BLACK

Carbon Black, one of the key ingredients of neoprene, can now be pyrolyzed from scrap rubber tires. This significantly reduces energy consumption and cuts CO₂ emission by 200g per wetsuit.

72%
CO₂ Emission Declined

PAHS MINIMIZED FORMULATION

SHEICO's neoprene rubber foam formulation eliminated near all of the polycyclic aromatic hydrocarbon (PAHs) substances.

 5,000 kg
Neoprene Waste
Reborn Every Year

NEOPRENE RECYCLING PROCESS

We recycle as much neoprene production waste as possible and turn them into qualified products, thus minimizing the waste that goes to landfills.

* The showing figures may be vary depends on product specifications.

AQUA ™

WATER BASED GLUE

The R&D team at SHEICO turned solvent-based laminating glue into water-based glue, eliminating harmful volatile organic compounds (VOCs).

600g Solvent/VOCs
Eliminated
per wetsuit

DOPE-DYED YARN

into molten plastic solution to produce colored yarns without the dyeing process. This saves tremendous amounts of water while reducing energy consumption and water pollution.

* Please refer to the current color collection for available colors

Dope-dyeing
infuses dye
pigments

 104_L Water Resource
Conserved per kg
of fabric

 26% Carbon Footprint Reduced per kg of fabric


RECYCLED POLYESTER

A wide selection of our fabrics are knitted with polyester yarn made from recycled plastic bottles. This helps reduce waste and material consumption at the same time.

bluesign®

**SYSTEM
PARTNER**

Our fabric mills have received the bluesign System Partner certification. In addition to monitoring the reasonable use of chemicals, the system partnership ensures that SHEICO's energy and water resource utilization efficiency and waste disposal all comply with the most demanding standards in the global textile industry.



SOLAR ENERGY
SYSTEM

Our production facilities for finished goods are equipped with solar panels on the roof top to provide green energy and make the production even greener.



Saving
130,854
trees/yr

Reduced
7,003,014
kg

Generating
6,038,486
kWh/yr

* Above data is estimated in annual energy contribution.

WATER SAVING DYEING MACHINE

SHEICO has introduced fabric dyeing machines that saves water and energy.

Reducing
60%
water and energy
consumption.

* Compared to traditional dyeing machine.