MORE ECO-FRIENDLY SHEICO NEOPRENE

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

LOVE OUR PLANET, THINK GREEN.





www.sheico.com



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

SHEICO Group





SHECO GREEN TECHNOLOGITIES 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.

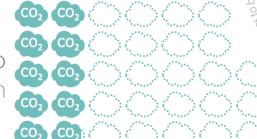
LIMESTONE NEOPRENE

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.







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



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.

"Obrene Rubber

Production Process



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



Solvent/VOCs Eliminated per wetsuit

Dope-dying

infuses dye



DOPE-DYED YARN

pigments 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.



Water Resource Conserved per kg of fabric



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.

> Fabrics for One Wetsuit



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.

SYSTEM



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.







* Above data is estimated in annual energy contribution.

WATER SAVING DYEING MACHINE

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





* Compared to traditional dyeing machine.









