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Booth No.: M419a

## Zig Sheng Industrial Co., Ltd.

Doing Right with What' s Left: An Upgrade to  
ZigSheng Sustainable Yarn Lowers Carbon Footprint.

**A**chieving carbon neutrality by 2050 will require a joint effort in the global textile industry. Everyone from brands to suppliers aims to adopt lower carbon materials to produce more sustainable garments. ZigSheng' s extraordinary development capabilities inspired three innovative GRS certificated yarns. Revert recycled nylon, Netup recycled fishing net nylon, and our high flexibility, low fiber-shedding yarn- Soufflex.

ZigSheng Revert is a low-carbon recycled nylon yarn. The company turns nylon waste into nearly 2,400 tons of yarn every year. That makes 900 million garments. Revert resins cut carbon emissions by 97% compared with regular nylon yarns. As a result, yarns made with Revert reduce CO<sub>2</sub> by 60%. And it produces 30% less carbon over a garment' s life cycle.

To preserve valuable marine life in Taiwan, ZigSheng collected waste fishing gill nets from local fishing communities and converted them to yarn, Netup. Physical recycling methods guarantee that Netup contains 30% real recycled fishing net. That' s the highest content on the market. The content is also GRS certified by both ZigSheng and external suppliers. Turning an environmental threat into functional clothing makes for a healthier ocean.

Soufflex is a breakthrough of high-flexibility, 100% polyester yarn. Its mighty springy form gives a softer premium feel than regular fabrics. The result of AATCC 212-2021 certifies that Soufflex releases 80% less microfiber in the laundry. This helps to alleviate important concerns about microfiber shedding.

The results of ASTM D2594 and ASTM D4964 show Soufflex has superior stretch and flexibility. The yarn is the spandex alternative preferred by brands looking to create lightweight dynamic garments.

For more information, please visit our website: <http://www.zigsheng.com/>.

## NETUP FOR MARINE LIFE WITH REAL RECYCLED FISHING NET



ZIG SHENG Netup contains a record-breaking thirty percent real recycled fishing net nylon. Our yarn is ten percent stronger than the industry standard. Plus, it aims to help protect marine life by eliminating waste fishing nets in the ocean. Netup is made locally in our GRS-certified supply chain. That means everything is fully traceable for anyone who asks.

## NETUP FOR MARINE LIFE WITH REAL RECYCLED FISHING NET



ZIG SHENG Netup contains a record-breaking thirty percent real recycled fishing net nylon. Our yarn is ten percent stronger than the industry standard. Plus, it aims to help protect marine life by eliminating waste fishing nets thrown away in the ocean. Netup is made locally in our GRS-certified supply chain. That means everything is fully traceable for anyone who asks.

## DOING RIGHT WITH WHAT IS LEFT REVERT REUSES NYLON SCRAPS



ZIG SHENG Revert is a low carbon recycled nylon yarn made from 2,400 tons of nylon waste every year. That makes 900 million garments. Revert cuts carbon emissions by 50% compared with regular nylon yarns. Plus, fabrics made with Revert reduce CO<sub>2</sub> by 30%. And it produces 20% less carbon over a garment's life cycle, based on our LCA environmental impacts data.

## DOING RIGHT WITH WHAT IS LEFT REVERT IS MADE FROM NYLON SCRAPS



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## SOUFFLEX IS A HIGHLY FLEXIBLE LOW FIBER-SHEDDING YARN



ZIG SHENG Soufflex is a breakthrough high-flexibility, 100% polyester yarn. It's mighty springy. Thanks to its ultralight fluffy strands that adapt to form. Best of all, Soufflex releases 80% less microfibers than sanded fabrics. And it takes 50% less force to stretch, with superb recovery. Plus, it's sustainable from production to performance, per our globally recognized standards data.

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