



by **CHALLENGE SAILCLOTH**

The only durable and waterproof pack fabric made from 100% recycled polyester! Every yard of ECOPAK™ contains over 20 plastic bottles, and saves over 1 lb. of carbon emissions compared to standard pack fabric.



Challenge Sailcloth, the world's leading supplier of woven polyester for sailing and kite boarding, is excited to introduce ECOPAK™, the only durable and waterproof pack fabric made from 100% recycled polyester fiber and film. The ECOPAK™ line of EPX (multi-ply construction with woven backing) and EPLX (multi-ply construction with film backing) is now available worldwide for outdoor brands, designers and factories.

Based on 35 years of weaving, coating and laminating experience, Challenge's ECOPAK™ fabric lasts longer, absorbs 80% less moisture, and has better UV resistance and color retention than traditional laminated nylon. Just like our sailcloth that has been tested around the world, ECOPAK™ performs in the harshest conditions.



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ECOPAK™ is Environmentally Friendly

- ➔ Every yard of ECOPAK™ saves over one pound of CO2, compared to virgin nylon or polyester pack fabric.
- ➔ ECOPAK™ contains no harmful TPU, PVC, DWR or other coatings. The DWR is C0 with no fluorocarbons.
- ➔ CO2 emissions from manufacturing our recycled polyester are:
 - 50% lower than Nylon
 - 38% lower than virgin polyester film
 - Comparable to organic cotton

ECOPAK™ has no VOC's

- ➔ Unlike other fabric companies that use solvent-based adhesive, our proprietary adhesive system contains no Volatile Organic Compounds to pollute the air, land or sea.

ECOPAK™ Reduces Waste

- ➔ Our signature 45 degree Blue recycled CrossPly yarn improves pattern orientation and reduces cutting waste by about 10%.
- ➔ ECOPAK™ recycled polyester lies flat; no time wasted wrestling with nylon curling on the cutting table.

ECOPAK™ is Energy Efficient and Costs Less

- ➔ Our innovative manufacturing system eliminates expensive and energy intensive drying ovens, hot rooms for curing, and many other processes needed to laminate Nylon and Polyester with solvent-based adhesive.
- ➔ And, Challenge passes the savings on to our customers.

ECOPAK™ is Certified Recycled

- ➔ Woven components are 100% Repreve recycled polyester.
- ➔ The special Challenge RUV recycled film is 100% recycled and 97% UV resistant.
- ➔ Bluesign approval is in process.