

SUSTAINABLE MASK

INDORAMA

Indorama Ventures Public Company Limited, listed in Thailand (Bloomberg ticker IVL.TB), is one of the world's leading petrochemicals producers, with a global manufacturing footprint across Europe, Africa, Americas, and Asia Pacific. The company's portfolio comprises combined PET, integrated oxides and derivatives, and fibers. Indorama Ventures products serve major FMCG and automotive sectors, i.e. beverages, hygiene, personal care, tyre and safety segments. Indorama Ventures has approx. 24,000 employees worldwide and consolidated revenue of US\$10.6 billion in 2020. The Company is listed in the Dow Jones Emerging Markets and World Sustainability Indices (DJSI).

DYECO

The Dutch company DyeCoo Textile Systems BV has developed, optimised and commercialised the use of carbon dioxide to dye fabrics over the last 10 years, and more recently to dye yarns. By utilising supercritical CO₂, the process eliminates water from the dyeing process, in a closed-loop dyeing system. DyeCoo is the world's first commercial supplier of water-free and process-chemical free dyeing systems for polyester textiles. Using CO₂ dyeing eliminates the use of water, reduces energy consumption, eliminates chemical usage and is cost effective.

STOLL

Family brand STOLL represents the KARL MAYER Group's expertise in the field of flat knitting technology. Since its foundation in 1873, STOLL has always been a reliable manufacturer of efficient flat knitting machines. Equipped with intelligent software solutions for patterning and production planning, such as knitelligence, today's models open up new possibilities of digitalisation for the company's customers. In addition, STOLL has made a name for itself as a constant and innovative trendsetter for the textile and clothing industry, in the fields of fashion and technical textiles.



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SUSTAINABILITY IS ACTUALLY VERY EASY

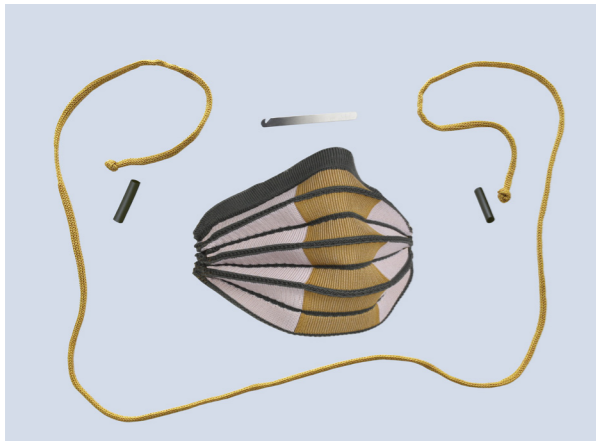
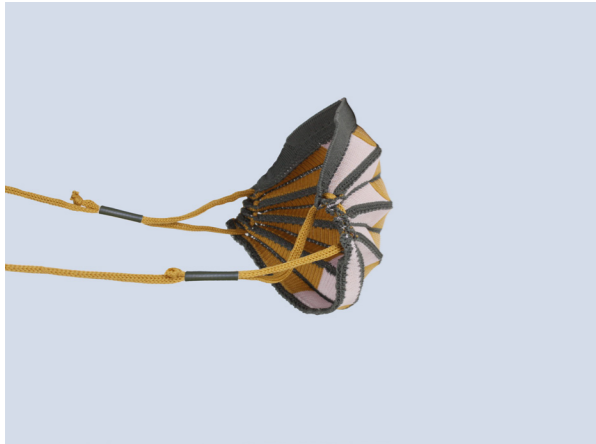


EASY MASK

THE MOST EASY

EASY MASK is a collaborative initiative founded by **Indorama Ventures**, **DyeCoo** and **Stoll** to produce fashionable masks with a sustainability in mind throughout the entire production process - from yarn manufacturing and dyeing through to design and production.

EASY MASK is made from **Deja™** 100% post-consumer recycled polyester by **Indorama** and dyed with **DyeCoo's** supercritical carbon dioxide technology, without using water or process chemicals, while reclaiming CO₂ in a closed-loop process. **Stoll's** state-of-the-art knitting technology further boosts the sustainability of the product with its 3D shape knitting which results in less than 1% waste and offers the possibility of local production.



SUSTAINABLE AT EACH STEP

Deja™ RECYCLED POLYESTER

- Deja™ sustainable polyester brand by Indorama
- Guaranteed 100% post-consumer recycled polyester (rPET) performance yarn
- Independently certified and traceable rPET fibre range, with full transparency across raw materials and processes including GRS, Ecomark, RCS, Oeko-Tex 100 and Reach
- Locally sourced 100% post-consumer rPET product offers a closed-loop solution with a low carbon footprint for home and apparel applications
- Deja™ looks to the future by demanding less from our planet, and is durable, versatile and lightweight - PET has a variety of benefits but most importantly it is fully recyclable, making PET the most collected and recycled plastic in the world.

CO₂ DYEING TECHNOLOGY

- Saves water sources by eliminating water from industrial processing
- Freedom of machine location - there is no need to have a water source or waste water treatment plant in the vicinity
- CO₂ is safe: it is non-flammable and non-toxic
- Using pure non-toxic dyestuff Corangar made by Colourtex and no auxiliary chemicals: dyestuff dissolves naturally in CO₂
- After the dyeing process, 95% of CO₂ is reclaimed in the machine and used for the next dye batch
- Comparable energy use for dyeing: no energy used for dyeing

3D KNITTING & AUTOMATISATION

- Seamless knitting technology cuts production waste to below 1 %
- High degree of automation allows on-demand production and reduces surplus production
- Repetitive use as it can be cleaned on a 60 degree wash
- Mask can easily be disassembled and mask components can be re-used
- Flexible local production on different types of STOLL machines



We aim to **recycle 50 Billion plastic bottles** a year by 2025

