

Your partner for large scale, compliant PET recycling



up to **800t/day**Production capacity
for filament yarn



up to **300t/day**Production capacity
for staple fibre

Compliant.

Brington Group's recycling facilities are fully compliant and certified with internationally recognised standards. Social compliance is adhered to at all collection centres and factories. All processes are environmentally compliant and use clean and efficient production methods.

Traceable.

From PET bottle collection to final filament and staple fibre, all relevant stages are transparent and all material input is fully traceable. Information about the supply chain, production and KPIs can be provided

Certified.

The recycled PET filament and fibre is certified by multiple recycling standards, including the Global Recycling Standards (GRS) and PFI Recycled Material Certification (rmc) which verify the amount of recycled material as well as socially and environmentally compliant processes and traceability. Optionally, Recycled Material Certification Blue verifies the content of recycled PET bottles from coastal regions in Brington's staple fibre and filament.

Capable.

Brington's compliant, sustainable and traceable recycled PET filament and yarn is available in significant quantities and suitable for use in large-scale production. Production capacity for staple fibres is currently 300 tons per day. Production capacities are expected to be able to reach 530 tons per day by 2022. The daily production capacity for filament yarn is 800 tons per day.





SH005 129685 TESTEX











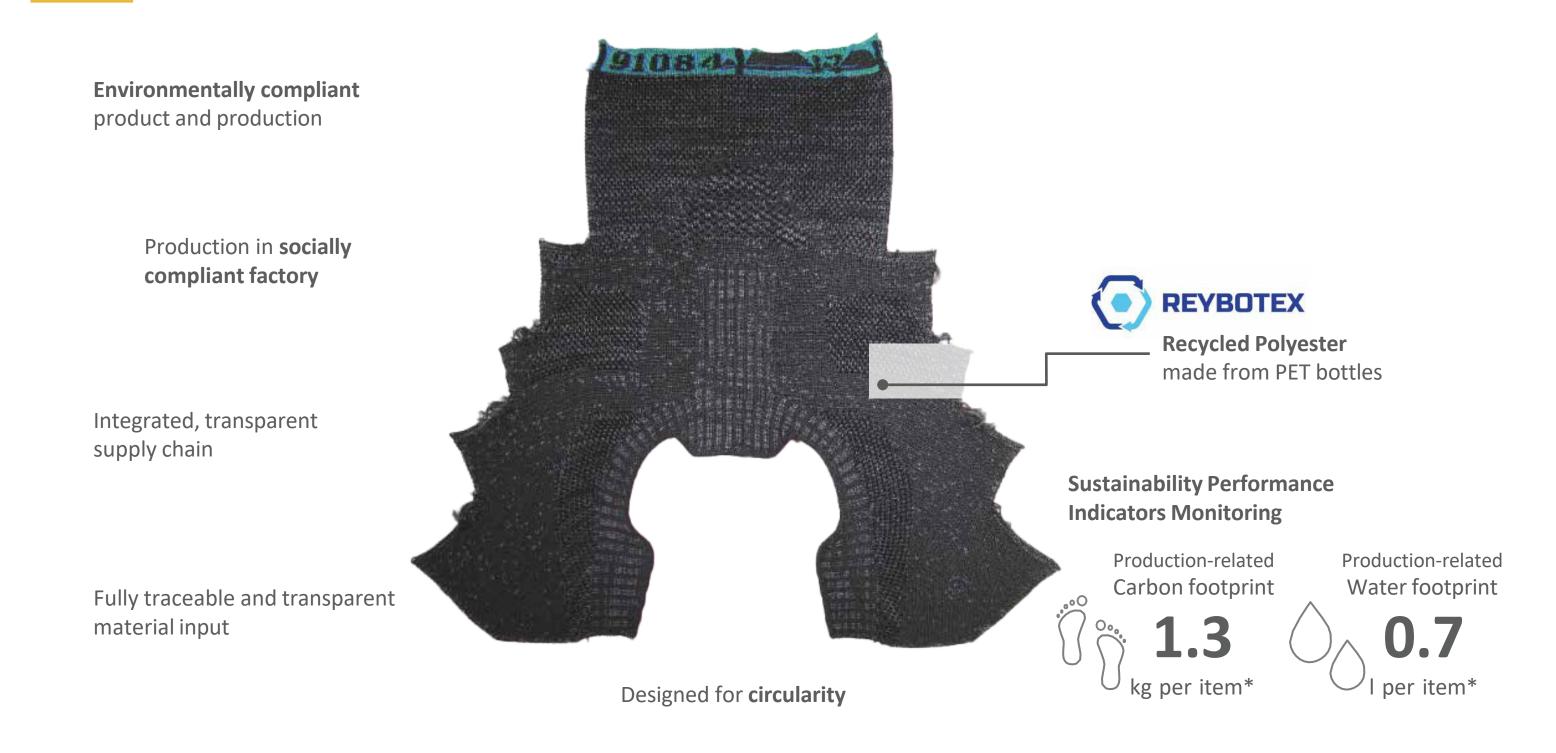
Filament to upper

rington recycled polyester uppers are ety of different colours and patterns. made from filament made from recycled PET bottles. Under the brand name REYBOTEX, which stands for REcYcled BOttles TEXtiles, high quality polyester filament made 100% from recycled PET bottles is produced which can be employed in a variety of items, included shoe uppers. Optionally, biodegradable recycled polyester can be selected to further minimise impact on the environment during the product's lifecycle. Only a minimal amount of virgin polyester is necessary to produce a high-quality polyester upper. fashionable trainers and leisure shoes, as they are breathable, comfortable and come in a vari-

Process

At Brington's high technology plant in Fujian, China, recycled polyester filament is knitted into functional and stylish shoe uppers according to customer requirements. The factory is fully compliant and certified according to internationally recognised standards. These certificates include ISO9001, SA8000, BSCI and Sedex. With a Factory area of 75,000 sqm including 7 workshop buildings, 12,000 sqm, advanced automated equipment as well as 1000 trained and qual-These uppers are suitable to use in stylish and ified employees, Brington recycled polyester uppers are always able to meet demand.

100% recycled polyester upper



Sustainability. Innovation. Communication.



Shoes with Recycled Polyester Upper and EVA Sole

easily be provided.

The shoes are designed for circularity – made with mainly only two different materials, it easily separable and recyclable. Optionally, biodegradability can be focussed on as well.

PU Leather trainer

Making use of Brington's innovative materials, PU leather is combined with recycled polyes-

ecycled polyester uppers are combined ter upper for an enhanced product. In 2016, with high quality and sustainable soles Brington Group came up with their first waterand accessories to create fun and borne polyurethane (PU) production of leathfunctional trainers. With Brington's er (Aqualine). Instead of using DMF, which own production of EVA sole as well as foam and is a toxic solvent for chemical reactions, the lining production, a highly sustainable train- latest waterborne PU technology was used to er was developed. As all main components are make Aqualine. Waterborne PU are environproduced in-house/by the same company, ma- ment-friendly polymers which are non-toxic terial input is easily traceable and transparency and non-flammable. They do not pollute the air over the supply chain and production steps can or produce wastewater. In general, the polyurethane is hydrophobic in nature and insoluble in

> Moreover, the group also produces bio-based synthetic leather, which is made from corn stalks, a normally wasted by-product that is typically burned after reaping. It is also coated with a bio-based resin, which makes it biodegradable. Additionally, it is similar to leather in terms of touch and elasticity.

Recycled polyester Sneaker

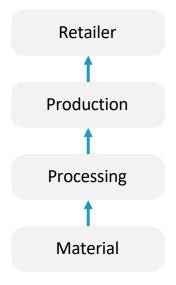
EVA Sole –

light, flexible, shock absorbing, durable and recyclable

Environmentally compliant product and production

Designed for circularity

Integrated, transparent supply chain



Fully traceable and transparent material input



REYBOTEX
Recycled Polyester

Production in **socially compliant factory**

made from PET bottles

Sustainability Performance Indicators Monitoring

Production-related Carbon footprint

... 6 1

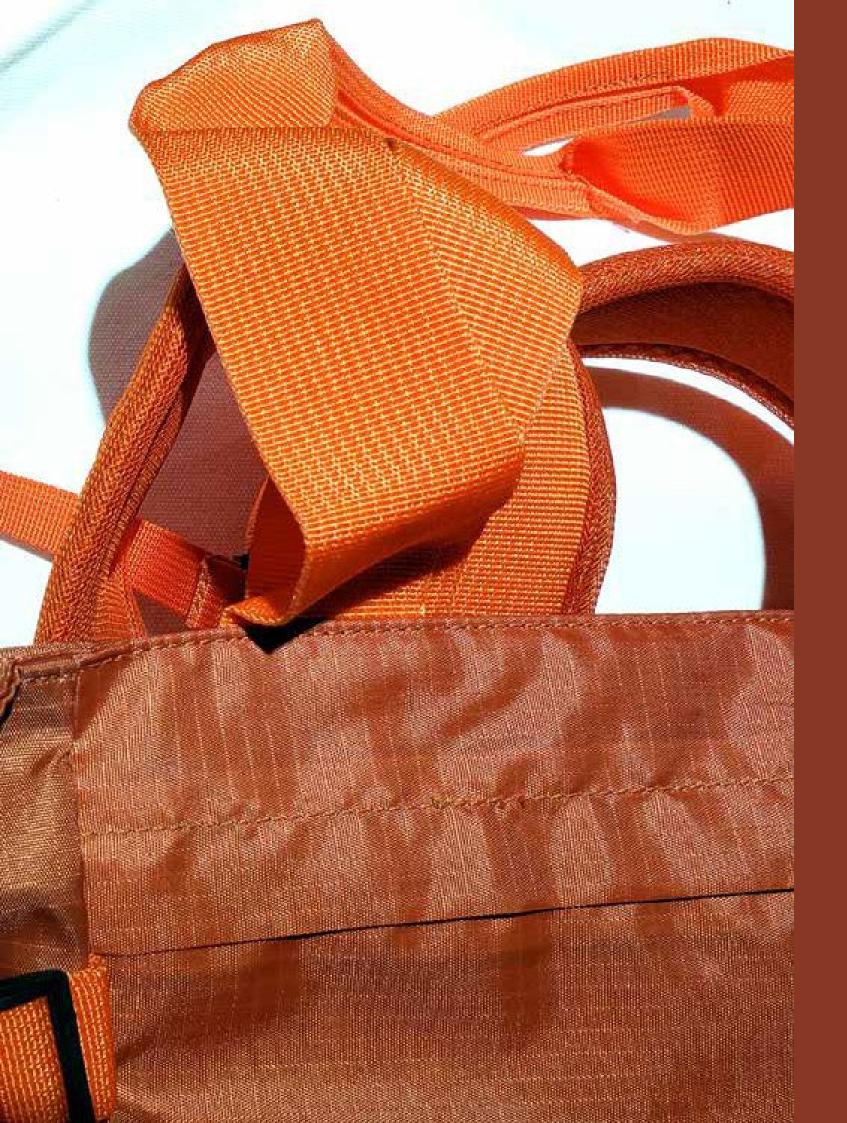
b. L

Production-related Water footprint

per pair*

Sustainability. Innovation. Communication.

^{*}exact value subject to change



Recycled polyester bags

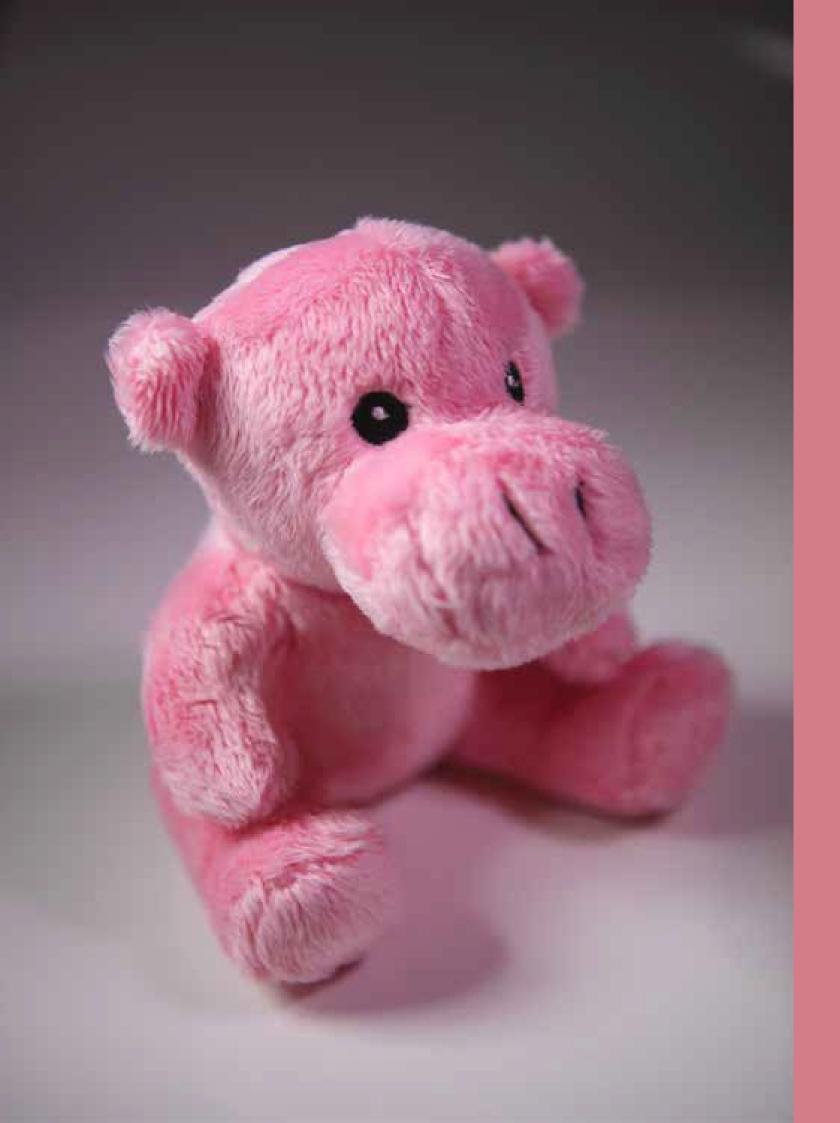
rington sports bags are made from recycled polyester filament from 100% ble sports bags. PET bottles. They are designed with circularity in mind and optionally can be made with recycled biodegradable polyester. They are available in a variety of colours, properties and designs. They are produced in seven Brignton bag factories spread over China and material input is fully traceable.

With a total of seven factories spanning three the shortest time. provinces and China and Cambodia, Brington Group is highly capable of developing high Each product type has a different quality conbiodegradable, a highly versatile material that is: No defect produced, no defect shipped.

makes an excellent source for stylish and dura-

Brington is highly experienced in producing all kinds of bags, especially sport bags and leisure bags. They produce various OEM products of well-known brands and character merchandising based on the wide experience and relia-Cambodia. The facilities are fully compliant and ble production system. Meanwhile, they have a strong sample-making team to meet all customers' development needs and requirements in

quality, compliant products that integrate in- trol standard to ensure they meet strict requirenovative materials. One of these materials is ments. Our QA/QC Team is composed of edurecycled polyester filament, that is made from cated professional that have years of experience 100% recycled PET bottles and optionally is in the their field. Brington's quality control goal



Recycled polyester plush toys

lush toys are the joy of everyone's childhood. Brington's recycled polyester plush toys provide a sustainable and circular solution for toys that put a smile on children faces while protecting the environment for their future.

Taiwan, Brington Group moved their production facilities to Dongguan, China in 1988. They are partners and partly shareholders of two major factories for toys located in China. Brington social has 40 years of experience in product design, development, manufacturing and distributing. Their customer base is primarily in Europe and the USA, and includes large players like Disney, Target and Walmart.

Product range

Brington is highly experienced in producing all kinds of toys, especially plush and plastic toys. They produce various OEM products of well-known brands and character merchandising based on the wide experience and reliable production system. Meanwhile, they have a strong sample-making team to meet all customers' development needs and requirements in the

shortest time.

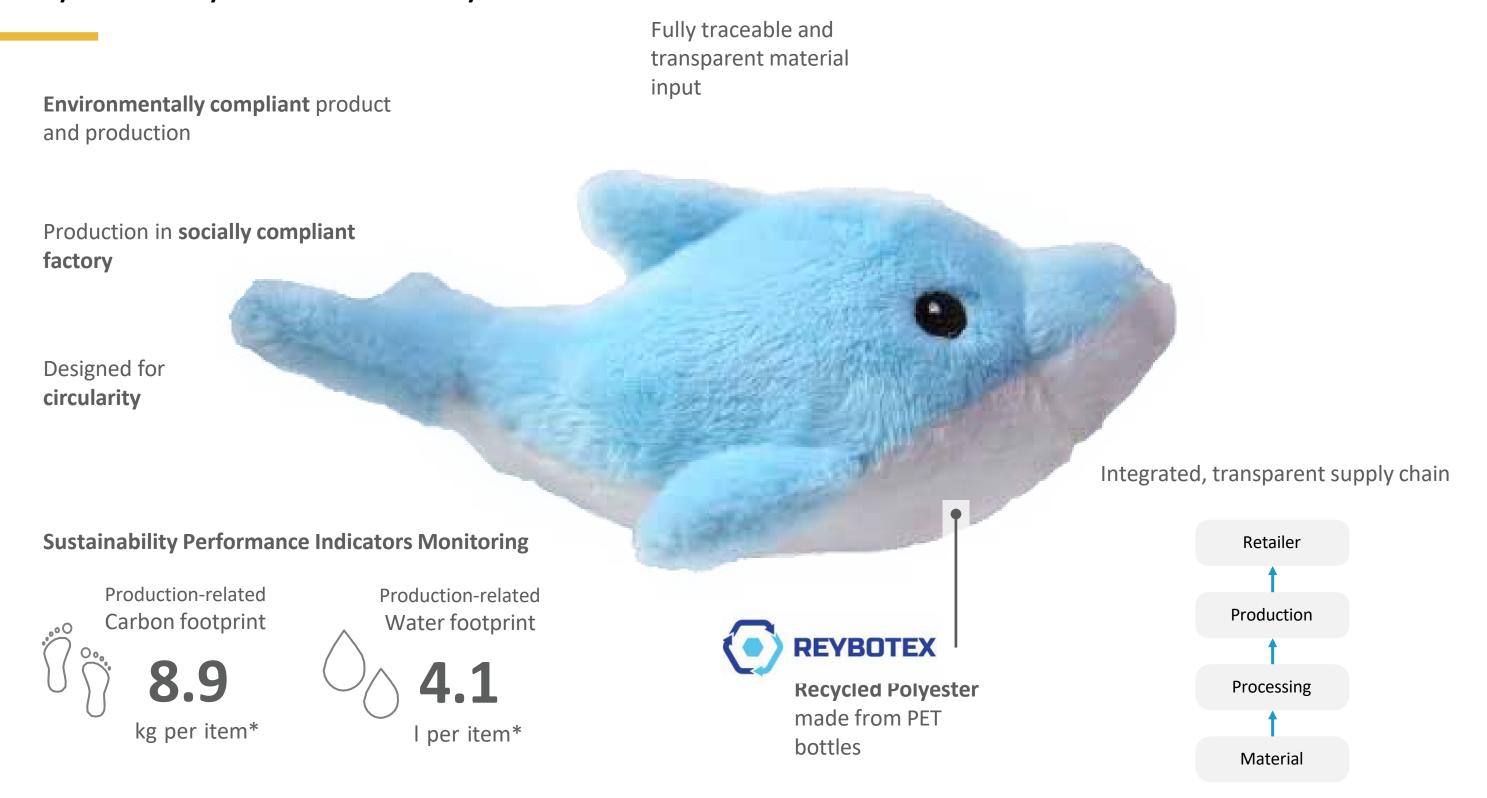
Sustainability

Thanks to their own PET collection and recycling process, Brington has access to quality recycled polyester filament with a known and traceable origin. Their factories are further fully compliant and certified according to internationally recognised standards, including ISO9000, ISO14000, BSCI, ICTI, GSV and SQP. This way, not only environmental sustainability is ensured, but also social sustainability as well as the safety of the workers. Modern equipment and technology is used for a clean and efficient production process.

Quality assurance

Brington implements a strict quality control process. Each product type has a different quality control standard to ensure they meet strict requirements. Their QA/QC Team is composed of educated professional that have years of experience in their field. Brington's quality control goal is: No defect produced, no defect shipped.

Recycled Polyester Plush Toy



Sustainability. Innovation. Communication.