

How the Eco Fabric is Made

We have broken the 'Eco Fabric Making Process' down into 7 easy steps, as seen on the right. Each step is explained further by photos of our factories, taken by David during a trip this year.

This '7 Step' process can be found in the 'Eco-Uniform Story' video, available on the Eco-uniform page of Davidluke.com.



Plastic bottles

Plastic bottles are collected from recycling centres & brought to the re-processing factory to be sorted into type & colour.



Bottle bales

They are squashed into bales, depending on the bottle's type & colour.

They are stripped of their labels and caps, then washed and shredded ready for processing.



Sorting plastic bottles

The shredded bottles are then passed through a processor where they are formed into uniform strands.



Processor



Uniform strands



Chips

The resulting strands are then cooled & cut to form a standard sized chip. These are then packed and delivered to the yarn mill.

At the yarn mill the yarn is created through a process which produces a special 3 sided continuous filament which ensures minimal light reflection.



David ready with the chips

The yarn is then woven into an extremely durable twill, ready to make into a DL Eco Blazer or Jacket.



Boys Eco Jacket DL1999