



Sustainable flags from PET bottles

Every year between us all we use nearly one and a half billion plastic bottles. That equates to more than 80 per person!* What do you do with your empty PET bottle? Did you know that PET bottles are 100% recyclable? And, did you know that we are the first in the world to turn these PET bottles into streaming flags?

Find out our story: www.pet-flag.com

Production process

The manufacture of a sustainable flag starts with the collection of clear PET bottles from supermarkets and collection points. The bottles are fragmented into hundreds of thousands of small pieces of PET plastic. By heating these small pieces at a high temperature, they melt and turn into liquid plastic. This in turn is spanned into meters of thread, which is used to weave the textile, that forms the basis of sustainable PETFLAG products.

ABOUT THE FABRIC: PETFLAG®

- The material is 100% polyester, made from plastic PET bottles
- PET is the abbreviation for the plastic, *polyethylene terephthalate*
- Available in 110 gr/m² and 220 gr/m², other grades available upon request

Our recycled PET bottle textiles are ideal for all your own flag, banner, and beach flag needs; and more besides! Durable textile, finished with a traditional edging. Want to prove you're sustainably-minded? All our PETFLAG products bear a recognisable, organic cotton label.

DID YOU KNOW THAT...

- ... 3 PET bottles of one and a half liters go into 1m² textile at 110 gr/m²?
- ... 1 PET bottle weighs approx. 40 gr, and that 36 gr of that is used in the recycling process?
- ... plastic from the sea cannot be used as the plastic bottles must be 100% polyester?
- ... the use of PET bottles bears no impact on the flag's lifespan?
- ... we're actively working on making our flags 100% recyclable in the future?

* Source of information: Government of The Netherlands, facts based on the use of plastic bottles by consumers in The Netherlands



EVERYTHING YOU WANT TO KNOW ABOUT THE FABRIC

What's the weight of the fabric?

The fabric is available in 110 gr/m² and 220 gr/m². The fabric at 110 gr/m² is comparable to our poly-glans fabric and the fabric at 220 gr/m² to the poly-deco fabric. More grades available on request.

Are products of PETFLAG more expensive?

Yes, we calculate more for this fabric than for a "regular" flag. This is because of the intense recycle process and the durable materials that are used.

How is it possible that the current flags are not fully recyclable?

It isn't easy to make fibres from the polyester fabric. This is essential for the re-use of polyester fabric but unfortunately that's not possible at the moment. We are looking for possibilities to make this work.

How many plastic PET bottles go into 1m² fabric?

3 PET bottles of one and a half liters go into 1m² textile at 110 gr/m².

Where are the plastic PET bottles coming from that are used for the fabric?

Clear PET bottles are needed for the production of the fabric. These are collected at supermarkets and collection points. The plastic bottles need to be made of polyester, since the fabric needs to be 100% polyester for the sublimation process.

How many recycled material is used in the fabric?

The materials used are made from 100% plastic PET bottles, so the fabric is 100% recycled material.

Is there polyester in the material?

The material is 100% polyester, since the plastic PET bottles are melted and the thread exists of this material: the thermoplastic polyester *polyethyleentereftalaat* (PET).

Do flags and banners made of PET bottles last longer than the regular polyester fabric?

The use of plastic PET bottles as main material in the fabric doesn't effect the life span of the flag.

What happens with the lids of a plastic PET bottle?

These lids are also used in the recycling process. This is the main reason why the fabric isn't completely white.

What should I do when the time comes for my flag to be updated?

Don't throw it away! Because did you know that your old flag can be used to make a unique bag, trendy laptop case, or even a smartphone cover? We would like to inform you about the possibilities.

How do I recognize a product that is made of the fabric from durable recycled PET bottles?

All our PETFLAG products bear a recognisable, organic cotton label. This is how you prove that you and your company are sustainably-minded.

Curious and want to know more?

We would like to tell you more about our durable fabric. Read our story at www.pet-flag.com!

PETFLAG
MADE OF RECYCLED BOTTLES