



CARBON FOOTPRINT

>>> Carbon Footprint at TDV Industries

Realized in **2008**, our Carbon footprint leans on data collected over the year 2007.

The **scope** of this study is considered as « **global reduced** », ie it includes our whole production site based in Laval (France) matched by some limitations, in particular :

- buildings and infrastructures deemed amortized,
- transport of finished products taken into account until the borders of France.

CONCLUSION OF THE STUDY

Although the supplies in fibers represent a significant part of our GHG emissions, our « **integrated** » **business model** (set of manufacturing insured at a single site) has a clear **advantage** towards a **fragmented model**.

>>> Impact of organic cotton on Carbon Footprint

The figures expressed in the table below arise from an approach in **average value**. Indeed, the various chemical treatments which can be realized on our products (fireproof, waterproof, etc...) may have a more or less important influence on the values of greenhouse gas emissions (GHG).

We have considered that the classical cotton fabric is the reference (value basis = 100). Then, other fabrics can be compared.

Range of product	COMPOSITION	Classical Cotton	African Fair Cotton	Organic Cotton or African Fair-Organic	Organic Cotton or Fair-Organic and recycled polyester
S300 300g/m ²	Cotton 65% Polyester 35%	100	81	74	60
Fluline 300g/m ²	Cotton 55% Polyester 45%	100	83	77	60
Triberg 320g/m ²	Cotton 100%	100	71	61	
Velys 240g/m ²	Polyester 67% Cotton 33%	100	91	87	63

>>> Importance of recycled polyester

The polyester contained in the plastic bottles of the current consumption is not degradable.

This is why his recycling through a textile industry contributes from an environmental point of view in :

- limiting the dependence in front of oil and so better protect natural resources,
- limiting the waste,
- saving some energy and so limiting greenhouse gas emissions.

The fabric's carbon footprint will be improved accordingly.

>>> Some reminders about Carbon Footprint

The Carbon Footprint is a tool of **accounting greenhouse gases emissions (GHGs)**, developed by the ADEME Agency (France), which allows an assessment of direct emissions or induced by an activity.

It also allows to organize into a hierarchy the various emission stations according to their importance, to facilitate the choice of actions of more effective reductions.

The **Data** are generally expressed :

- in « tons carbon equivalent » (t eq. C),
- in « tons CO₂ equivalent » (t eq. CO₂).

N.B. To move from one unit to another, simply apply a multiplier or a divider of $44 / 12 = 3.67$.

Hence 1 t eq. C = 3.67 t eq. CO₂

For more information, please contact us.