

Softshell Chair

Environmental Product Passport



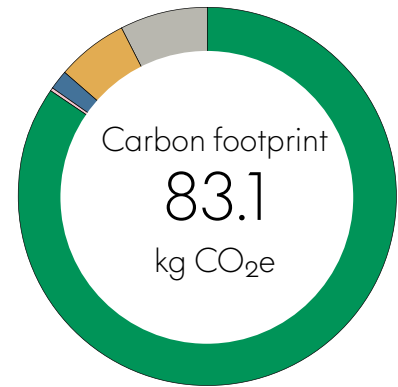
The information in this product passport is only valid for the following variant:
Softshell Chair - Art. no. 42300800

[More about Softshell Chair on our website](#)

More details about Vitra's environmental mission are available at
vitra.com/about-vitra.

Carbon footprint

The carbon footprint stands for the amount of greenhouse gas emissions (also referred to as carbon emissions) generated throughout a product's entire life cycle. The carbon footprint is most commonly expressed in CO₂ equivalents (CO₂e) as a standard measure for the warming effect of all greenhouse gases.



● Raw materials, incl. extraction and processing	70.4	84.7%
● Production, incl. manufacturing and assembly	0.1	0.1%
● Distribution, use and maintenance	1.4	1.7%
● End of life and disposal	5.1	6.1%
● Non-attributable processes	6.2	7.5%
Total / kg CO₂e	83.1	100%

This calculation includes emissions from direct suppliers (Tier 1).
Total may vary slightly from 100% due to rounding.

Recycling

Following the principle of the circular economy, Vitra uses the largest amount of recycled and recyclable materials possible. This proportion will increase as a result of ongoing product development.

2%
Recycled content

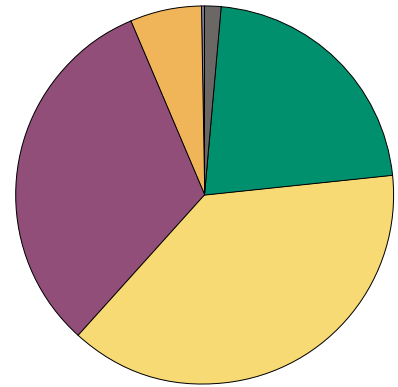
78%
Recyclability

Post-consumer recycled content	Post-industrial recycled content	Total recycled content	Recyclability
1%	1%	2%	78%

Further information including a glossary of terms is available at www.vitra.com/sustainability.

Material composition

Vitra uses a wide range of materials that must all withstand stringent internal and external testing procedures. If a new material is found that is better for the environment and meets Vitra's quality criteria, suitable products are executed in that material.



Materials used in Softshell Chair

● Polyamide (glass fiber reinforced)	70.4%
● Polyurethane	21.8%
● Polyester	6.1%
● Steel	1.6%
● Other thermoplastics	0.1%
Total	100%

Total may vary slightly from 100% due to rounding.

Packaging & logistics

Vitra uses detailed information to elaborate targeted optimisation of transport routes. Preference is given to rail transport whenever feasible, and Vitra aims for the most efficient capacity management possible when using lorries.

Packaging serves to protect the product and minimise the transport volume. Packaging is reduced wherever possible and materials are optimised in terms of their impact on the environment.

Packaging and materials	Purpose	Weight
1 plastic bag made of 50% recycled polyethylene	Protection from dust, humidity and scratches	210 g
Cardboard box, FSC-certified made of min. 50% recycled paper	Product protection and stackability	2.5 kg

Supply chain

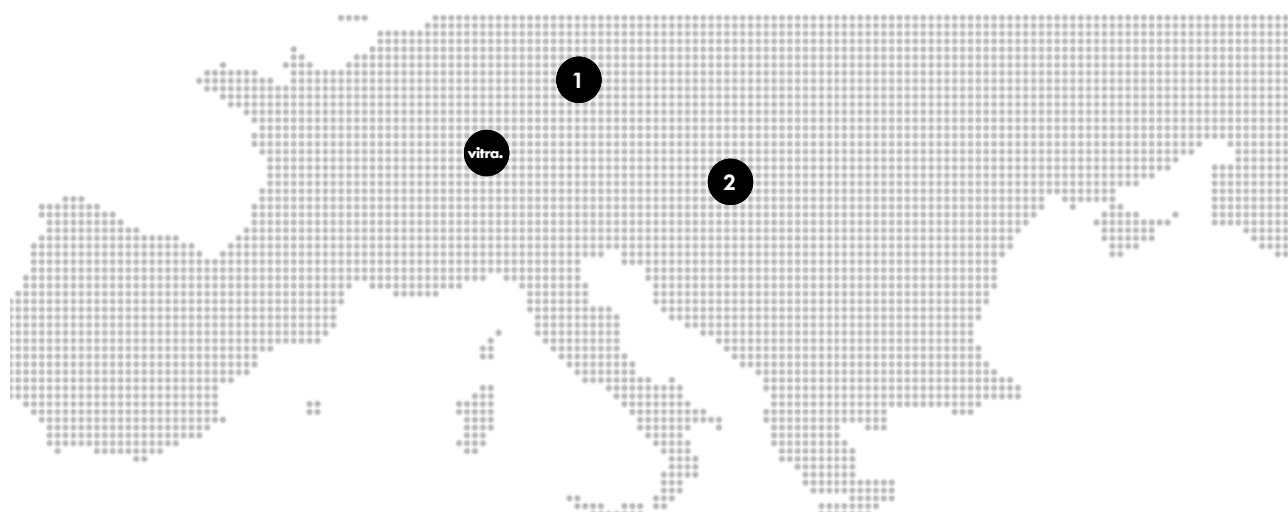
Vitra purchases its raw materials and components almost exclusively from suppliers in Europe, which simplifies compliance with uniform statutory standards and shortens transport routes. Vitra maintains long-term relationships with many of its suppliers, some spanning several decades, which is a key advantage for the further development of products, technologies and materials.

99%

European suppliers

100%

Assembled in Europe



This map and percentage calculation represents Vitra's direct suppliers (Tier 1). Total may vary slightly from 100% due to rounding.

Provenance of Components

1 Germany	92.86%
Base	37.91%
Insert	32.36%
Upholstery (foam or fleece)	21.40%
Other components	1.19%
2 Hungary	6.62%
Textile cover	6.57%
Other components	0.05%

3 Other countries	0.52%
Other components	0.52%

Assembly

vitra.	
Weil am Rhein, Germany	100.00%

Certificates

To offer transparency about a product's most important environmental factors, Vitra provides certificates from external testing institutes. In doing so, Vitra concentrates on a selection of certificates that clearly cover the decisive factors of the respective product.

Greenguard

The GREENGUARD label for indoor air quality recognises products that contribute to the creation of healthier indoor environments.



GS

With the GS seal for tested safety, a state-authorised inspection institute certifies the suitability and safety of the construction and monitors production at regular intervals.



Ergonomics Approved

The 'Ergonomics Approved' certificate confirms the fulfilment of ergonomic requirements and testing criteria that exceed the minimum legal regulations for office swivel chairs.



BIFMA

Softshell Chair fulfils the ANSI/BIFMA standard X5.1-2011, thus meeting the stringent safety requirements for the US market.

BIFMA

EPD

An EPD – environmental product declaration – provides transparency about the environmental impacts of a product throughout its life cycle, often referred to as life cycle assessment (LCA).



Spare parts

Castors and glides can be ordered directly from vitra.com.

[Link to web shop](#)

For further spare parts, please contact Vitra or your local Vitra partner.

[Link to service contact form](#)



Care instructions

Here you will find care instructions for cover fabrics, leather, plastics and metals.

[Link to website](#)

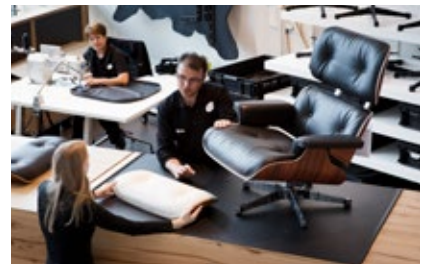


Warranty & Service

General two-year warranty on Softshell Chair.

For matters relating to maintenance and repair or general enquiries, contact our Service Team using the following form.

[Link to service contact form](#)



Find Vitra

Here you can find Vitra or a Vitra partner for local support.

[Find Vitra](#)



Further information and contact details

The information in this product passport is only valid for the following variant:

Softshell Chair - Art. no. 42300800

Upholstery fabric Plano, colour nero,
four-legged base,
glides for carpet

[More about Softshell Chair on our website](#)

For questions relating to the environmental product passport or other enquiries on the topic of sustainability, please contact us at sustainability@vitra.com.

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