

Simplifying PCF Calculations with TACK

Tape and Adhesives Calculation Kit for Product Carbon Footprint

The FAQ offers a clear overview of how TACK works, the value it brings to sustainability reporting, and the standards that guide its methodology. It also explains access options, membership considerations, pricing, and licensing nuances, and when verification may be relevant. Use this document to understand how TACK can fit into your workflow and support accurate, consistent Product Carbon Footprint (PCF) calculations.

Understanding TACK

[What is TACK](#)

[How can TACK support our sustainability reporting requirements?](#)

[Is TACK third-party verified?](#)

[Do I have to get my calculated results verified?](#)

Access and pricing

[Do I need to be an Afera member to access TACK?](#)

[Where can I request access?](#)

[What is the price of TACK?](#)

[Is there a trial version available?](#)

[I already have access to Sphera database. Do I need to pay for it again?](#)

[What is the benefit of the longer-term licencing agreements?](#)

Using the tool and providing feedback

[How does TACK handle country specific data?](#)

[Does the database cover all raw materials used in adhesive formulations?](#)

[Are production values based on real supplier data or industry averages?](#)

[Why does TACK use EU average logistics data?](#)

[Can TACK be automated?](#)

[How to consider and where to enter data relating to the packaging of raw materials in the tool?](#)

[How does TACK track changes in Product Carbon Footprint?](#)

[I have used the tool and want to suggest improvements or addition of new features. How can I do so?](#)

Understanding TACK

What is TACK?

TACK stands for **Tape and Adhesive Calculation Kit**. [Launched in May 2025](#), the PCF calculation tool has been jointly developed by Afera – The European Adhesive Tape Association and the German Adhesives Association, Industrieverband Klebstoffe e.V. (IVK). TACK is a web-based tool that empowers manufacturers, converters and raw material suppliers to assess environmental impact with transparent, standardised methodologies aligned with ISO 14067 and Tfs PCF guidelines. Designed by [Sphera](#), the user-friendly tool provides access to a high-quality, curated database, enabling users without LCA expertise to generate accurate PCF values with confidence.

How can TACK support our sustainability reporting requirements?

TACK helps meet growing sustainability reporting demands by providing a standardised, transparent, and industry-aligned method for calculating Product Carbon Footprints (PCFs). It is built to support upcoming EU regulations and broader climate-reporting expectations by giving manufacturers a consistent framework for measuring cradle-to-gate greenhouse gas emissions.

The third-party verified tool is aligned with ISO 14040 and ISO 14067 standards, as well as the [Together for Sustainability \(Tfs\) PCF guidelines](#). This alignment ensures that the PCF results generated through TACK are credible, comparable, and suitable for use in regulatory disclosures, customer reporting, and voluntary sustainability initiatives.

By streamlining data collection and calculation, TACK enables companies across the adhesive and tape value chain to produce reliable, repeatable PCF results, strengthening the quality and transparency of their sustainability reporting.

Is TACK third-party verified?

Yes. To increase the credibility of self-declaration of carbon indicators for adhesive and tape products, Afera and IVK engaged [DEKRA Assurance Services GmbH](#), a highly regarded auditing firm. As part of the third-party verification process, DEKRA conducted a pre-verification of the software model and the correct functionality of the web-based tools. Furthermore, DEKRA evaluated the documentation and software tool against the Tfs PCF Guideline, providing a comprehensive review report.

Do I have to get my calculated results verified?

Yes. TACK's calculation methodology and tool functionality are already third-party verified. Any additional verification applies only to the data you enter, and a qualified third-party verifier can complete this step with relative ease.

Access and pricing

Do I need to be an Afera member to access TACK?

Yes. Members of Afera and IVK can obtain a license to access TACK, a collaboratively developed tool designed to ensure accessibility and affordability for both new and existing members. More than 80 Afera and IVK members played an integral role in TACK's development by participating in scoping exercises, workshops, and discussions. Developing the tool as a group resulted in it being more cost-effective than doing it as individual companies.

Access to TACK requires contributions beyond the standard [Afera Membership](#) fee: a €5K one-time development fee and a yearly licensing fee for unlimited access to the TACK online platform. The costs also apply to all new users of the tool down the line, i.e. those who join Afera in the future. Licensing fee pricing is available upon request. Reach out to us at mail@afera.com for more information.

Where can I request access?

The first step is to fill in [this form](#), which contains information about the purchase order process.

What is the price of TACK?

Access to TACK requires contributions beyond the standard [Afera Membership](#) fee: a €5K one-time development fee and a yearly licensing fee for unlimited access to the TACK online platform. The costs also apply to all new users of the tool down the line, i.e. those who join Afera in the future. Licensing fee pricing is available upon request. Reach out to us at mail@afera.com for more information.

Is there a trial version available?

Together with the delivery of the tool, Sphera has also developed training documents and videos, which users can review to understand how the tool works. Further, attempts to secure trial licenses to access TACK are ongoing. In the meantime, member companies can opt for extended demos, where they submit product data and view PCF calculations live. Two member companies have completed a demo with positive feedback. Reach out to us at mail@afera.com for more information.

I already have access to Sphera database. Do I need to pay for it again?

For companies that already have a license to Sphera's "LCA Calculator" tool, the license for the use of TACK is at a discounted price. The fees for subsequent years depend on the duration of the agreement (1, 3 or 5 years) a member company enters with Sphera.

What is the benefit of the longer-term licencing agreements?

TACK will be updated periodically to incorporate critical updates such as inclusion of new raw materials and generic formulations, alignment with latest versions of TFS PCF guidelines, and revision of underlying secondary database.

Afera and IVK are currently working to define the scope and priorities for the next maintenance update of TACK. Based on discussions with member companies using the tool, a list of priorities has

been prepared and will be finalised soon. The goal is to initiate the update early next year for a targeted release of the new updated version of TACK before summer 2026.

Using the tool and providing feedback

How does TACK handle country specific data?

TACK includes all relevant countries where production takes place. When a specific country is not available, the tool provides regional averages to ensure coverage.

Does the database cover all raw materials used in adhesive formulations?

Yes. The database contains around 160 entries, many of which represent families of closely related materials. The entries were finalised through a comprehensive mapping exercise conducted by participating member companies of Afera and IVK, with the goal of creating a curated database that meets industry needs. This ensures coverage of all chemicals used across adhesive applications.

Are production values based on real supplier data or industry averages?

TACK enables users to input primary data (when available) or choose from country or regional averages. For mapped materials, these averages are provided within the database. For a company's own production, manufacturers input their actual primary production values.

Why does TACK use EU average logistics data?

TACK uses EU-average logistics data because it is representative of industry practice and typically contributes less than 2% to the total PCF. This level of granularity is considered sufficient for accurate PCF calculations.

Can TACK be automated?

Yes. TACK can be automated and integrated with company's ERP systems to streamline data transfer and reduce manual input.

How to consider and where to enter data relating to the packaging of raw materials in the tool?

The packaging of the raw materials was not considered part of the scope of raw materials. Only the raw materials used in the manufacturing are considered, and the packaging of the manufactured product. According to the [TfS guidelines](#), the packaging on input materials is optional.

During the development of TACK, it was assumed that most of the chemicals are supplied in bulk, and the contribution of the packaging would be small. That is also mentioned in the TfS guidelines.

How does TACK track changes in Product Carbon Footprint?

TACK tracks PCF changes by directly comparing values before and after a modification. This method provides precise results rather than approximations.



I have used the tool and want to suggest improvements or addition of new features. How can I do so?

Afera collected feedback from users of the tool on July-September 2025. The suggestions will be discussed and considered during the upcoming revision of the tool.

The tool will be updated on a regular basis to ensure it is aligned with the current guidelines, regulatory and industry requirements. We encourage you to share your valuable feedback to ensure the tool is robust and continues to support your sustainability reporting requirements.

You can provide feedback by e-mail anytime to afsp@afera.com.