

HyFlex™ 11-645

CARBON FOOTPRINT FACT SHEET

Standards used for LCA

ISO 14040:2006, ISO 14044:2006

System boundary: Cradle-to-gate.

Cradle-to-gate refers to assessing the environmental impact of a product from the extraction of raw materials until it leaves the manufacturing facility, including the transport of products to warehouses, without considering its use or disposal.

**Total carbon footprint per pair/piece: 0.732 kg CO2e***

The graph below represents the carbon footprint breakdown of the product.

1.90%**Distribution**

Transportation of the product from the manufacturing site to the main warehouse.

0.10%**Packaging**

Packaging includes all materials used to contain, protect, and transport the product.

28.40%**Manufacturing**

Process of turning raw materials into finished goods, which uses energy and water, and generates waste.

69.60%**Raw Materials**

Basic materials from which the product is made.

**KEY TAKEAWAYS**

- 1. Raw Materials is the largest contributor: 69.6%**
- 2. Manufacturing is the second-biggest contributor: 28.4%**
- 3. Since our data suggests that raw materials and manufacturing are major contributors to HyFlex™ 11-645's carbon footprint, we invest heavily in optimizing these areas.**

REFERENCES: ¹Intertek, Zero Waste to Landfill certification, ²Other, ³Ansell, 2023, Product and Packaging Specifications, ⁴Ansell, 2023, Product and Packaging Specifications, ⁵Ansell, 2023, Product and Packaging Specifications, ⁶Ansell, 2023, Sustainable Packaging Program. Ansell Life Cycle Assessment, cradle-to-grave, 2020 (based on baseline cradle-to-grave model using company-specific foreground data foreground data w/ ecoinvent® v3.7 cut-off database background), ReCiPe 2016 Egalitarian LCIA Method). Independent peer review, 2021., ⁷Ansell, 2023, Product and Packaging Specifications, ⁸Ansell, 2023, Sustainable Packaging Program, ⁹Claim Data Source

*Based on glove sizes used in the LCA.

The product carbon footprint assessment was done in accordance with the ISO 14040:2006 and ISO 14044:2006 standards and critically reviewed by an external party. Calculation method: IPCC 2021 GWP 100a. Software: SimaPro, Ecoinvent 3.8 database. System boundary: cradle-to-gate. The results may change depending on variations in data collection periods and assumptions within the model and system boundary. None of the information included in this report shall be interpreted as a legally binding proposal.

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WARNING: No glove provides complete protection against cuts, abrasions, punctures or chemicals. Users should test the suitability of Ansell products for a particular purpose, for use within a particular environment or against particular chemicals.

See [> additional information.](#)