

Climate Assessment Report

This document proves that the organization has carried out an assessment of the CO₂ emissions related to a specific product or system including all scopes of emissions hereby understood as direct, indirect, and upstream/downstream supply chain emissions.

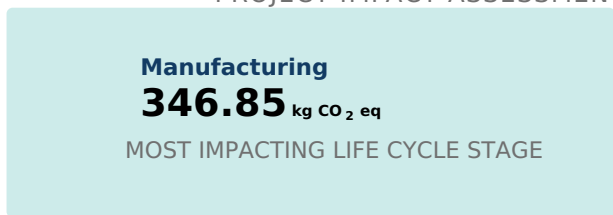
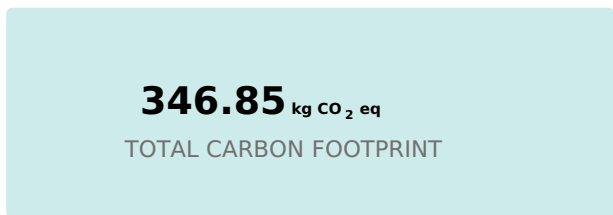
Project ID: 5dc196d8-613d-45d2-963b-89a33c335f9f

Date of issuance: 05/30/2024

Product name: **0150Z01**
Type: SPIRAL FLUTE 35° TAP SET IN BOX M3-12 HSSE
Weight: 0.315 kg
Lifespan: 3 years
Assessed by: Thürmer Tools ApS

PRODUCT SPECIFICATION
 (Provided by the assessor)

PROJECT IMPACT ASSESSMENT



COMMENTS FROM THE ASSESSOR

LIFE CYCLE STAGE IMPACT CONTRIBUTION

LIFE CYCLE STAGE	REDUCTION	0	IMPACT	TOTAL	UNITS
Manufacturing		0	346.85	346.85	kg CO ₂ eq

MOST CONTRIBUTING PARAMETERS

PARAMETERS	LIFE CYCLE STAGE	MARKET	IMPACT (kg CO ₂ eq)
1. Electricity (Low voltage)	Manufacturing	Global Market	346.2
2. Steel (low alloyed)	Manufacturing	Global Market	0.64
3. Steel scrap	Manufacturing	Global Market	0

The assessment is based on ISO 14040 – Environmental management – Life cycle assessment – Principles and framework & ISO 14044 – Environmental management- Life cycle assessment – Requirements and guidelines. The impact assessment is modelled using the ReCiPe 2016 v1.1 Hierarchist midpoint methodology with Ecoinvent 3.8 as primary background data.

This assessment has been conducted on the Reflow platform using information declared by the company conducting the assessment. The results, input data and distribution have not been verified by Reflow. By request, the project may be verified and validated by ReFlow.

SCOPE OF EMISSIONS

Project ID: 5dc196d8-613d-45d2-963b-89a33c335f9f

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SCOPE 1, 2 & 3 IMPACT CONTRIBUTION

[SCOPE 3] 346.85 kg CO ₂ eq MOST IMPACTING SCOPE	[SCOPE 1] 0 kg CO ₂ eq SECOND MOST IMPACTFUL SCOPE	[SCOPE 2] 0 kg CO ₂ eq LEAST IMPACTFUL SCOPE
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LIFE CYCLE STAGE	SCOPE DISTRIBUTION IN EACH LIFE CYCLE STAGE			UNITS
	SCOPE 1	SCOPE 2	SCOPE 3	
Manufacturing	0	0	346.85	Kg CO ₂ eq

SCOPE 1 FIVE MOST IMPACTFUL PARAMETERS		
PARAMETERS	IMPACT	UNIT

SCOPE 2 FIVE MOST IMPACTFUL PARAMETERS		
PARAMETERS	IMPACT	UNIT

SCOPE 3 FIVE MOST IMPACTFUL PARAMETERS		
PARAMETERS	IMPACT	UNIT
1. Electricity (Low voltage)	346.2	kg CO ₂ eq
2. Steel (low alloyed)	0.64	kg CO ₂ eq
3. Steel scrap	0	kg CO ₂ eq

Validity, Quality & Transparency

This section provides essential insights into the assessed project's validity, data quality, and data transparency. Below you will find a detailed overview of the data used in the project, assessed following our quality and validity framework. The data is listed under relevance, quality score, and validity.

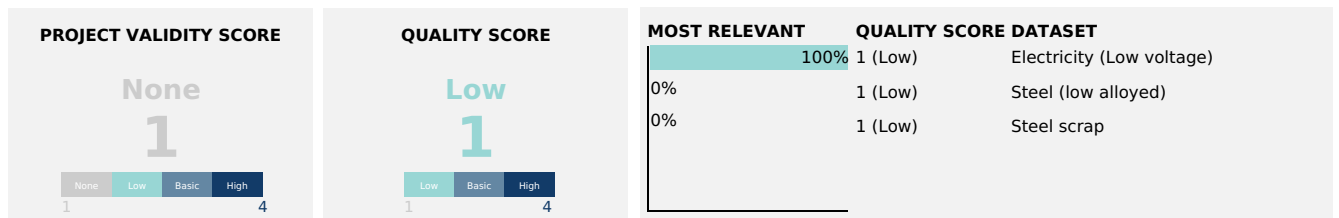
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PROJECT SPECIFICATION

Assessed project: **0150Z01**
Type: SPIRAL FLUTE 35° TAP SET IN BOX M3-12 HSSE
Owner: Thürmer Tools ApS
Database: Ecoinvent v3.8
Data source: Prim./Sec.
Scope: M,D, U,DIS
Status: No

DATA VALIDITY, QUALITY & TRANSPARENCY KEY NUMBERS



DATA VALIDITY, QUALITY & TRANSPARENCY OVERVIEW

Tier 1	Tier 2	Type	Owner	Database	Data source	Issued	Status	Quality score	Validity
Steel (low alloyed)		Ecoinvent	Thürmer Tools ApS	Ecoinvent v3.8	Sec.	N/A	N/A	Low	N/A
Electricity (Low voltage)		Ecoinvent	Thürmer Tools ApS	Ecoinvent v3.8	Sec.	N/A	N/A	Low	N/A
Steel scrap		Ecoinvent	Thürmer Tools ApS	Ecoinvent v3.8	Sec.	N/A	N/A	Low	N/A

*The framework for this assessment can be read on page 'Definitions & Explanations'