



# Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
SKIRTS	T- LOGO MANIA SKIRT	Women	5%

Property Name	Property Value	SQM
Length	knees	0.4761
Rise	regular	0
Shape	tube straight	0
EU SIZE	L woman	0.1893861454046681

## External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Wool generic	100%	24.7	156.498	3865.5015
<b>Total</b>	<b>100%</b>	<b>24.7</b>	<b>156.5</b>	<b>3865.5</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
<b>Total</b>				<b>0</b>

## External - Yarn Production

Process Name	Material
Carding (CO2e g)	Wool generic (ITALY) 19.4718
Winding (CO2e g)	Wool generic (ITALY) 44.7851
Sizing (CO2e g)	Wool generic (ITALY) 0.9318
Ring Spinning (CO2e g)	Wool generic (ITALY) 93.4646
Warping (CO2e g)	Wool generic (ITALY) 3.1681
Roving (Co2e g)	Wool generic (ITALY) 7.7887
Yarn Production - Dyeing (CO2e g)	Wool generic (ITALY) 24.2269
Blowing (CO2e g)	Wool generic (ITALY) 17.5246
Drawing (CO2e g)	Wool generic (ITALY) 11.6831
<b>Total</b>	<b>223.0447</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
<b>Total</b>				<b>0</b>

## External - Cutting & Stitching

Process Name	Material
Major cutting	Wool generic (ITALY) 0.0025
<b>Total</b>	<b>0.0025</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
<b>Total</b>				<b>0</b>

## External - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Wool generic (ITALY) 0.0836
Weaving (CO2e g)	Wool generic (ITALY) 79.3915
<b>Total</b>	<b>79.4751</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
<b>Total</b>				<b>0</b>

## External - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Wool generic (ITALY) 31.3387
Laundry Emissions (CO2e g)	Wool generic (ITALY) 31.3387
Washing & Drying Emissions	Wool generic (ITALY) 4.5963
<b>Total</b>	<b>67.2737</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
<b>Total</b>				<b>0</b>

Production Group	Process Name	Country	CO2e	Value
Addition	Button Metal Medium Size	ITALY	0.1988	5
Addition	Zip (cm)	ITALY	0.1908	20

## External - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
<b>Total</b>				<b>0</b>

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	ITALY	0.0416	1

## Final Transportation

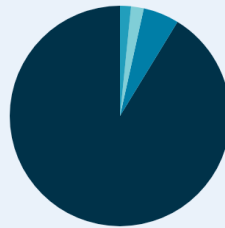
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	UNITED KINGDOM	AIR - 0	0
<b>Total</b>				<b>0</b>

### Total Carbon Footprint

**4.24** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**0.42** €



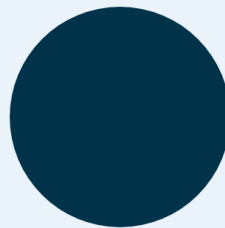
- Raw Material (91.27%)
- Yarn Production (5.26%)
- Fabric Production (1.87%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (1.60%)
- Finishing & Packaging (0.00%)

### Raw Material Carbon Footprint

**3.87** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**0.39** €



- Raw Material (100%)

### Transportation Carbon Footprint

**0** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

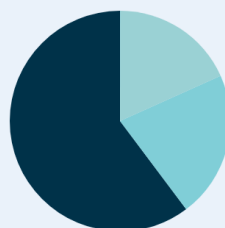
**0** €

### Process Carbon Footprint

**0.37** kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

**0.04** €



- Yarn Production (60.28%)
- Cutting & Stitching (0.00%)
- Fabric Production (21.48%)
- Garment Manufacturing (18.29%)

\* Current Average Market Value Of High Quality Carbon Credit

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