



# Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
OUTWEAR	JAVIER TRENCH COAT	Women	5%

Property Name	Property Value	SQM
Body length	parka lenght	0.7
Fit	loose	2.56
Sleeves	long	0.3
Neck	regular reverse	0.03
Hood	no	0
EU SIZE	L woman	0.19897744204083448

## External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	90%	2.62	186.0093	487.3445
Wool generic	10%	24.7	37.5776	928.1678
<b>Total</b>	<b>100%</b>	<b>27.32</b>	<b>223.59</b>	<b>1415.51</b>

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

## External - Yarn Production

Process Name	Material	
Carding (CO2e g)	Cotton generic (ITALY) 23.1437	Wool generic (ITALY) 4.6755
Winding (CO2e g)	Cotton generic (ITALY) 53.2304	Wool generic (ITALY) 10.7536
Sizing (CO2e g)	Cotton generic (ITALY) 1.1075	Wool generic (ITALY) 0.2237
Ring Spinning (CO2e g)	Cotton generic (ITALY) 111.0895	Wool generic (ITALY) 22.4423
Warping (CO2e g)	Cotton generic (ITALY) 3.7656	Wool generic (ITALY) 0.7607
Roving (Co2e g)	Cotton generic (ITALY) 9.2575	Wool generic (ITALY) 1.8702
Yarn Production - Dyeing (CO2e g)	Cotton generic (ITALY) 28.7955	Wool generic (ITALY) 5.8173

Process Name	Material	
Blowing (CO2e g)	Cotton generic (ITALY) 20.8293	Wool generic (ITALY) 4.2079
Drawing (CO2e g)	Cotton generic (ITALY) 13.8862	Wool generic (ITALY) 2.8053
<b>Total</b>	<b>265.10519999999997</b>	<b>53.556500000000001</b>

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

## External - Pattern Making & Cutting

Process Name	Material	
Cutting Emissions	Cotton generic (ITALY) 37.2484	Wool generic (ITALY) 7.5249
Pattern Making (CO2e g)	Cotton generic (ITALY) 37.2484	Wool generic (ITALY) 7.5249
<b>Total</b>	<b>74.4968</b>	<b>15.0498</b>

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

Production Group	Process Name	Country	CO2e	Value
Addition	Button Metal Medium Size	ITALY	0.3975	10

## External - Spinning & Weaving

Process Name	Material	
Spinning (CO2e g)	Cotton generic (ITALY) 94.3625	Wool generic (ITALY) 19.0631
Weaving(CO2e g)	Cotton generic (ITALY) 0.0993	Wool generic (ITALY) 0.0201
<b>Total</b>	<b>94.4618</b>	<b>19.083199999999998</b>

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

## External - Stitching & Pressing

Process Name	Material	
Stitching(CO2e g)	Cotton generic (ITALY) 94.3625	Wool generic (ITALY) 19.0631
Pressing (CO2e g)	Cotton generic (ITALY) 0.0993	Wool generic (ITALY) 0.0201
<b>Total</b>	<b>94.4618</b>	<b>19.083199999999998</b>

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

## External - Finishing & Packaging

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

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

## Fabric\_2 - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	100%	2.62	206.677	541.4938
<b>Total</b>	<b>100%</b>	<b>2.62</b>	<b>206.68</b>	<b>541.49</b>

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

## Fabric\_2 - Yarn Production

Process Name	Material
Carding (CO2e g)	Cotton generic (ITALY) 25.7152
Winding (CO2e g)	Cotton generic (ITALY) 59.1449
Sizing (CO2e g)	Cotton generic (ITALY) 1.2306
Ring Spinning (CO2e g)	Cotton generic (ITALY) 123.4328
Warping (CO2e g)	Cotton generic (ITALY) 4.184
Roving (Co2e g)	Cotton generic (ITALY) 10.2861
Yarn Production - Dyeing (CO2e g)	Cotton generic (ITALY) 31.995
Blowing (CO2e g)	Cotton generic (ITALY) 23.1437
Drawing (CO2e g)	Cotton generic (ITALY) 15.4291
<b>Total</b>	<b>294.56140000000005</b>

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

## Fabric\_2 - Pattern Making & Cutting

Process Name	Material
Cutting Emissions	Cotton generic (ITALY) 41.3871
Pattern Making (CO2e g)	Cotton generic (ITALY) 41.3871
<b>Total</b>	<b>82.7742</b>

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

Production Group	Process Name	Country	CO2e	Value
Addition	Button Metal Medium Size	ITALY	0.3975	10

## Fabric\_2 - Spinning & Weaving

Process Name	Material
Spinning (CO2e g)	Cotton generic (ITALY) 104.8473
Weaving(CO2e g)	Cotton generic (ITALY) 0.1104
<b>Total</b>	<b>104.9577</b>

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

## Fabric\_2 - Stitching & Pressing

Process Name	Material
Stitching(CO2e g)	Cotton generic (ITALY) 104.8473
Pressing (CO2e g)	Cotton generic (ITALY) 0.1104
<b>Total</b>	<b>104.9577</b>

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

## Fabric\_2 - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton 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

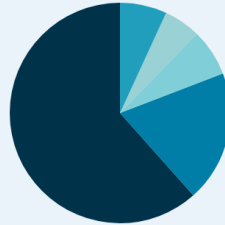
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	UNITED KINGDOM	AIR - 0	0
Wool generic	ITALY	UNITED KINGDOM	AIR - 0	0
<b>Total</b>				<b>0</b>

### Total Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

**0.32** €



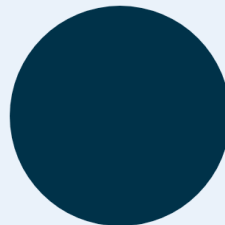
- Raw Material (61.64%)
- Yarn Production (19.28%)
- Spinning & Weaving (6.87%)
- Pattern Making & Cutting (5.43%)
- Stitching & Pressing (6.87%)
- Finishing & Packaging (0.00%)

### Raw Material Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

**0.2** €



- Raw Material (100%)

### Transportation Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

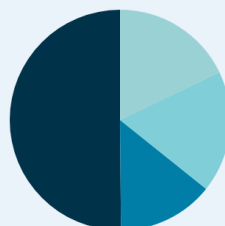
**0** €

### Process Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

**0.12** €



- Yarn Production (50.26%)
- Pattern Making & Cutting (14.16%)
- Spinning & Weaving (17.91%)
- Stitching & Pressing (17.91%)
- Finishing & Packaging (0.00%)

\* Current Average Market Value Of High Quality Carbon Credit

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