



# Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU
DRESSES	JAVIER SLEEVELESS TRENCH COAT

Layer	Gender	Wastage Percentage
Tops	Women	5%

Property Name	Property Value	SQM
Upper body length	regular	0.6
Fit	slim	1.44
Sleeves	no sleeves	0
Neck	crossed	0.1
EU SIZE	L woman	0.19897744204083448

Layer	Gender	Wastage Percentage
Skirts	Women	5%

Property Name	Property Value	SQM
Length	calf	0.5658
Shape	circle	324
Rise	High	0.09
EU SIZE	L woman	0.19897744204083448

## External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	90%	2.62	374.9896	982.4728
Wool generic	10%	24.7	75.7555	1871.1603
<b>Total</b>	<b>100%</b>	<b>27.32</b>	<b>450.75</b>	<b>2853.63</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) 46.657	Wool generic (ITALY) 9.4256
Winding (CO2e g)	Cotton generic (ITALY) 107.311	Wool generic (ITALY) 21.679
Sizing (CO2e g)	Cotton generic (ITALY) 2.2327	Wool generic (ITALY) 0.4511
Ring Spinning (CO2e g)	Cotton generic (ITALY) 223.9534	Wool generic (ITALY) 45.2431
Warping (CO2e g)	Cotton generic (ITALY) 7.5913	Wool generic (ITALY) 1.5336
Roving (Co2e g)	Cotton generic (ITALY) 18.6628	Wool generic (ITALY) 3.7703
Yarn Production - Dyeing (CO2e g)	Cotton generic (ITALY) 58.0509	Wool generic (ITALY) 11.7274
Blowing (CO2e g)	Cotton generic (ITALY) 41.9913	Wool generic (ITALY) 8.4831
Drawing (CO2e g)	Cotton generic (ITALY) 27.9942	Wool generic (ITALY) 5.6554
<b>Total</b>	<b>534.4446</b>	<b>107.96860000000002</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 - Cutting & Stitching

Process Name	Material	
Major cutting	Cotton generic (ITALY) 0.0061	Wool generic (ITALY) 0.0012
<b>Total</b>	<b>0.0061</b>	<b>0.0012</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 - Fabric Production

Process Name	Material	
Heat Setting (CO2e g)	Cotton generic (ITALY) 0.2002	Wool generic (ITALY) 0.0405
Weaving (CO2e g)	Cotton generic (ITALY) 190.2322	Wool generic (ITALY) 38.4308
<b>Total</b>	<b>190.4324</b>	<b>38.4713</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 - Garment Manufacturing

Process Name	Material	
Finishing Emissions (CO2g)	Cotton generic (ITALY) 75.0917	Wool generic (ITALY) 15.17
Laundry Emissions (CO2e g)	Cotton generic (ITALY) 75.0917	Wool generic (ITALY) 15.17
Washing & Drying Emissions	Cotton generic (ITALY) 11.0134	Wool generic (ITALY) 2.2249
<b>Total</b>	<b>161.1968</b>	<b>32.5649</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	0.3578	9

## 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	416.6551	1091.6364
<b>Total</b>	<b>100%</b>	<b>2.62</b>	<b>416.66</b>	<b>1091.64</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) 51.8411
Winding (CO2e g)	Cotton generic (ITALY) 119.2344
Sizing (CO2e g)	Cotton generic (ITALY) 2.4808
Ring Spinning (CO2e g)	Cotton generic (ITALY) 248.8371
Warping (CO2e g)	Cotton generic (ITALY) 8.4347
Roving (Co2e g)	Cotton generic (ITALY) 20.7364
Yarn Production - Dyeing (CO2e g)	Cotton generic (ITALY) 64.501
Blowing (CO2e g)	Cotton generic (ITALY) 46.657

Process Name	Material
Drawing (CO2e g)	Cotton generic (ITALY) 31.1046
<b>Total</b>	<b>593.8271</b>

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

## Fabric\_2 - Cutting & Stitching

Process Name	Material
Major cutting	Cotton generic (ITALY) 0.0068
<b>Total</b>	<b>0.0068</b>

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

## Fabric\_2 - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Cotton generic (ITALY) 0.2225
Weaving (CO2e g)	Cotton generic (ITALY) 211.3691
<b>Total</b>	<b>211.5916</b>

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

## Fabric\_2 - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Cotton generic (ITALY) 83.4352
Laundry Emissions (CO2e g)	Cotton generic (ITALY) 83.4352
Washing & Drying Emissions	Cotton generic (ITALY) 12.2372
<b>Total</b>	<b>179.1076</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	0.3578	9

## 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

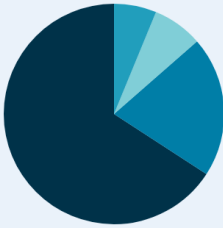
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	UNITED KINGDOM	AIR - 0	0
Wool generic	ITALY	UNITED KINGDOM	AIR - 0	0
<b>Total</b>				<b>0</b>

### Total Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

**0.6** €



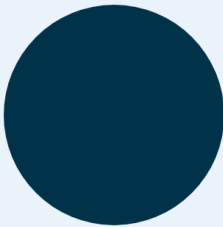
- Raw Material (65.83%)
- Yarn Production (20.60%)
- Fabric Production (7.34%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (6.22%)
- Finishing & Packaging (0.00%)

### Raw Material Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

**0.4** €



- Raw Material (100%)

### Transportation Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

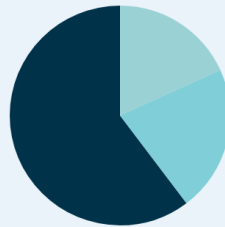
**0** €

### Process Carbon Footprint

2.05 kg CO<sub>2</sub>e

Estimated Offsetting Cost In EUR \*

0.2 €



- Yarn Production (60.30%)
- Cutting & Stitching (0.00%)
- Fabric Production (21.49%)
- Garment Manufacturing (18.21%)
- Finishing & Packaging (0.00%)

\* Current Average Market Value Of High Quality Carbon Credit

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