



# Product Carbon Footprint Calculation Results

02/03/2025 - 16:16

Product	SKU	Gender	Wastage Percentage
BLAZER	MAYE JACKET	Women	5%

Property Name	Property Value	SQM
Body length	long	0.68224
Fit	regular	0
Pockets	2 jetted	0
Sleeves	regular	0.2624
Front	double breasted	4
EU SIZE	L woman	0.19897744204083448

## External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	98%	2.62	201.048	526.7458
Elastane generic	2%	10.7	4.9734	53.2149
<b>Total</b>	<b>100%</b>	<b>13.32</b>	<b>206.02</b>	<b>579.96</b>

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

## External - Yarn Production

Process Name	Material	
Carding (CO2e g)	Cotton generic (ITALY) 25.0148	Elastane generic (ITALY) 0.6188
Winding (CO2e g)	Cotton generic (ITALY) 57.534	Elastane generic (ITALY) 1.4232
Sizing (CO2e g)	Cotton generic (ITALY) 1.1971	Elastane generic (ITALY) 0.0296
Ring Spinning (CO2e g)	Cotton generic (ITALY) 120.071	Elastane generic (ITALY) 2.9702
Warping (CO2e g)	Cotton generic (ITALY) 4.07	Elastane generic (ITALY) 0.1007
Roving (Co2e g)	Cotton generic (ITALY) 10.0059	Elastane generic (ITALY) 0.2475
Yarn Production - Dyeing (CO2e g)	Cotton generic (ITALY) 31.1236	Elastane generic (ITALY) 0.7699

Process Name	Material	
Blowing (CO2e g)	Cotton generic (ITALY) 22.5133	Elastane generic (ITALY) 0.5569
Drawing (CO2e g)	Cotton generic (ITALY) 15.0089	Elastane generic (ITALY) 0.3713
<b>Total</b>	<b>286.5386</b>	<b>7.088099999999999</b>

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

## External - Cutting & Stitching

Process Name	Material	
Major cutting	Cotton generic (ITALY) 0.0033	Elastane generic (ITALY) 0.0001
<b>Total</b>	<b>0.0033</b>	<b>0.0001</b>

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

## External - Fabric Production

Process Name	Material	
Heat Setting (CO2e g)	Cotton generic (ITALY) 0.1074	Elastane generic (ITALY) 0.0027
Weaving (CO2e g)	Cotton generic (ITALY) 101.9917	Elastane generic (ITALY) 2.523
<b>Total</b>	<b>102.09909999999999</b>	<b>2.5257</b>

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

## External - Garment Manufacturing

Process Name	Material	
Finishing Emissions (CO2g)	Cotton generic (ITALY) 40.2599	Elastane generic (ITALY) 0.9959
Laundry Emissions (CO2e g)	Cotton generic (ITALY) 40.2599	Elastane generic (ITALY) 0.9959
Washing & Drying Emissions	Cotton generic (ITALY) 5.9048	Elastane generic (ITALY) 0.1461
<b>Total</b>	<b>86.4246</b>	<b>2.1379</b>

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

Production Group	Process Name	Country	CO2e	Value
Addition	Button Metal Large Size	ITALY	1.0136	17

## External - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Elastane 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
Organic cotton	100%	2.5	205.151	512.8776
<b>Total</b>	<b>100%</b>	<b>2.5</b>	<b>205.15</b>	<b>512.88</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Organic cotton	ITALY	ITALY		0
<b>Total</b>				<b>0</b>

## Fabric\_2 - Yarn Production

Process Name	Material
Carding (CO2e g)	Organic cotton (ITALY) 25.5253
Winding (CO2e g)	Organic cotton (ITALY) 58.7082
Sizing (CO2e g)	Organic cotton (ITALY) 1.2215
Ring Spinning (CO2e g)	Organic cotton (ITALY) 122.5214
Warping (CO2e g)	Organic cotton (ITALY) 4.1531
Roving (Co2e g)	Organic cotton (ITALY) 10.2101
Yarn Production - Dyeing (CO2e g)	Organic cotton (ITALY) 31.7587
Blowing (CO2e g)	Organic cotton (ITALY) 22.9728
Drawing (CO2e g)	Organic cotton (ITALY) 15.3152
<b>Total</b>	<b>292.3863</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Organic cotton	ITALY	ITALY		0
<b>Total</b>				<b>0</b>

## Fabric\_2 - Cutting & Stitching

Process Name	Material
Major cutting	Organic cotton (ITALY) 0.0033

Process Name	Material
Total	0.0033

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Organic cotton	ITALY	ITALY		0
Total				0

## Fabric\_2 - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Organic cotton (ITALY) 0.1096
Weaving (CO2e g)	Organic cotton (ITALY) 104.0731
Total	104.1827

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Organic cotton	ITALY	ITALY		0
Total				0

## Fabric\_2 - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Organic cotton (ITALY) 41.0815
Laundry Emissions (CO2e g)	Organic cotton (ITALY) 41.0815
Washing & Drying Emissions	Organic cotton (ITALY) 6.0253
Total	88.1883

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Organic cotton	ITALY	ITALY		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Button Metal Large Size	ITALY	1.0136	17

## Fabric\_2 - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Organic cotton	ITALY	ITALY		0
Total				0

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

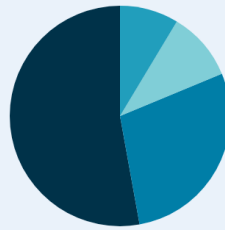
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Elastane generic	ITALY	UNITED KINGDOM	AIR - 0	0
<b>Total</b>				<b>0</b>

### Total Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

**0.21** €



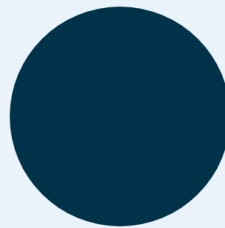
- Raw Material (52.91%)
- Yarn Production (28.45%)
- Fabric Production (10.14%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (8.63%)
- Finishing & Packaging (0.00%)

### Raw Material Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

**0.11** €



- Raw Material (100%)

### Transportation Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

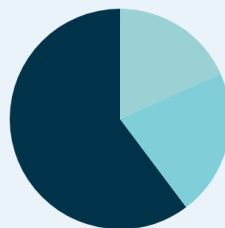
**0** €

### Process Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

**0.1** €



- Yarn Production (60.41%)
- Cutting & Stitching (0.00%)
- Fabric Production (21.53%)
- Garment Manufacturing (18.33%)
- Finishing & Packaging (0.00%)

\* Current Average Market Value Of High Quality Carbon Credit

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