



# Product Carbon Footprint Calculation Results

02/04/2025 - 15:45

Product	SKU
DRESSES	BILBAO STRAPPY DRESS

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	open back	-0.032
EU SIZE	L woman	0.19897744204083448

Layer	Gender	Wastage Percentage
Skirts	Women	5%

Property Name	Property Value	SQM
Length	calf	0.5658
Shape	tulle	484
Rise	regular	0
EU SIZE	L woman	0.19897744204083448

## External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Polyamide	100%	4.6	101.1968	465.5054
<b>Total</b>	<b>100%</b>	<b>4.6</b>	<b>101.2</b>	<b>465.51</b>

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

## External - Yarn Production

Process Name	Material
Carding (CO2e g)	Polyamide (ITALY) 12.5911
Winding (CO2e g)	Polyamide (ITALY) 28.9596
Sizing (CO2e g)	Polyamide (ITALY) 0.6025
Ring Spinning (CO2e g)	Polyamide (ITALY) 60.4373
Warping (CO2e g)	Polyamide (ITALY) 2.0486
Roving (Co2e g)	Polyamide (ITALY) 5.0364
Yarn Production - Dyeing (CO2e g)	Polyamide (ITALY) 15.6659
Blowing (CO2e g)	Polyamide (ITALY) 11.332
Drawing (CO2e g)	Polyamide (ITALY) 7.5547
<b>Total</b>	<b>144.22809999999998</b>

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

## External - Cutting & Stitching

Process Name	Material
Major cutting	Polyamide (INDIA) 0.0048
<b>Total</b>	<b>0.0048</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

## External - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Polyamide (ITALY) 0.054
Weaving (CO2e g)	Polyamide (ITALY) 51.3372
<b>Total</b>	<b>51.391200000000005</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	ITALY	INDIA	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
<b>Total</b>				<b>0</b>

## External - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Polyamide (INDIA) 58.8966
Laundry Emissions (CO2e g)	Polyamide (INDIA) 58.8966
Washing & Drying Emissions	Polyamide (INDIA) 8.6382

Process Name	Material
Total	126.4314

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	INDIA	INDIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	INDIA	0.1908	20

## External - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	INDIA	INDIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	INDIA	0.1209	1

## Fabric\_2 - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Silk generic	54%	52.5	95.631	5020.628
Viscose generic	40%	14.54	101.1968	1471.402
Elastane generic	6%	10.7	30.3591	324.8418
Total	100%	77.74	227.19	6816.87

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk generic	CHINA	CHINA		0
Viscose generic	CHINA	CHINA		0
Elastane generic	CHINA	CHINA		0
Total				0

## Fabric\_2 - Yarn Production

Process Name	Material		
Carding (CO2e g)	Silk generic (CHINA) 24.6439	Viscose generic (CHINA) 26.0782	Elastane generic (CHINA) 7.8235
Winding (CO2e g)	Silk generic (CHINA) 56.681	Viscose generic (CHINA) 59.9799	Elastane generic (CHINA) 17.994
Sizing (CO2e g)	Silk generic (CHINA) 1.1793	Viscose generic (CHINA) 1.2479	Elastane generic (CHINA) 0.3744
Ring Spinning (CO2e g)	Silk generic (CHINA) 118.2908	Viscose generic (CHINA) 125.1755	Elastane generic (CHINA) 37.5526
Warping (CO2e g)	Silk generic (CHINA) 4.0097	Viscose generic (CHINA) 4.243	Elastane generic (CHINA) 1.2729
Roving (Co2e g)	Silk generic (CHINA) 9.8576	Viscose generic (CHINA) 10.4313	Elastane generic (CHINA) 3.1294

Process Name	Material		
Yarn Production - Dyeing (CO2e g)	Silk generic (CHINA) 30.6621	Viscose generic (CHINA) 32.4467	Elastane generic (CHINA) 9.734
Blowing (CO2e g)	Silk generic (CHINA) 22.1795	Viscose generic (CHINA) 23.4704	Elastane generic (CHINA) 7.0411
Drawing (CO2e g)	Silk generic (CHINA) 14.7864	Viscose generic (CHINA) 15.6469	Elastane generic (CHINA) 4.6941
<b>Total</b>	<b>282.29030000000006</b>	<b>298.71979999999996</b>	<b>89.61600000000001</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk generic	CHINA	CHINA		0
Viscose generic	CHINA	CHINA		0
Elastane generic	CHINA	CHINA		0
<b>Total</b>				<b>0</b>

## Fabric\_2 - Cutting & Stitching

Process Name	Material		
Major cutting	Silk generic (INDIA) 0.0045	Viscose generic (INDIA) 0.0048	Elastane generic (INDIA) 0.0014
<b>Total</b>	<b>0.0045</b>	<b>0.0048</b>	<b>0.0014</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk generic	INDIA	INDIA		0
Viscose generic	INDIA	INDIA		0
Elastane generic	INDIA	INDIA		0
<b>Total</b>				<b>0</b>

## Fabric\_2 - Fabric Production

Process Name	Material		
Heat Setting (CO2e g)	Silk generic (CHINA) 0.1058	Viscose generic (CHINA) 0.1119	Elastane generic (CHINA) 0.0336
Weaving (CO2e g)	Silk generic (CHINA) 100.4795	Viscose generic (CHINA) 106.3275	Elastane generic (CHINA) 31.8983
<b>Total</b>	<b>100.5853</b>	<b>106.4394</b>	<b>31.9319</b>

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk generic	CHINA	INDIA	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Viscose generic	CHINA	INDIA	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Elastane generic	CHINA	INDIA	Truck/Heavy goods vehicle - 0 Aircraft - 0	0

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Total				0

## Fabric\_2 - Garment Manufacturing

Process Name	Material		
Finishing Emissions (CO2g)	Silk generic (INDIA) 55.6572	Viscose generic (INDIA) 58.8966	Elastane generic (INDIA) 17.669
Laundry Emissions (CO2e g)	Silk generic (INDIA) 55.6572	Viscose generic (INDIA) 58.8966	Elastane generic (INDIA) 17.669
Washing & Drying Emissions	Silk generic (INDIA) 8.1631	Viscose generic (INDIA) 8.6382	Elastane generic (INDIA) 2.5914
Total	119.4775	126.4314	37.9294

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk generic	INDIA	INDIA		0
Viscose generic	INDIA	INDIA		0
Elastane generic	INDIA	INDIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	INDIA	0.1908	20

## Fabric\_2 - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Silk generic	INDIA	INDIA		0
Viscose generic	INDIA	INDIA		0
Elastane generic	INDIA	INDIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	INDIA	0.1209	1

## Final Transportation

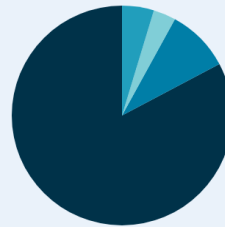
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyamide	INDIA	UNITED KINGDOM	AIR - 0	0
Total				0

### Total Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

0.88 €



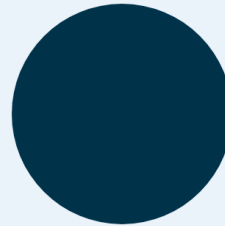
- Raw Material (82.73%)
- Yarn Production (9.26%)
- Fabric Production (3.30%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (4.66%)
- Finishing & Packaging (0.00%)

### Raw Material Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

0.73 €



- Raw Material (100%)

### Transportation Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

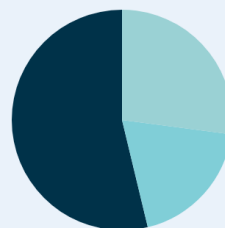
0 €

### Process Carbon Footprint

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

Estimated Offsetting Cost In EUR \*

0.15 €



- Yarn Production (53.61%)
- Cutting & Stitching (0.00%)
- Fabric Production (19.10%)
- Garment Manufacturing (27.00%)
- Finishing & Packaging (0.01%)

\* Current Average Market Value Of High Quality Carbon Credit

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