

Product Carbon Footprint Calculation Results

07/17/2025 - 10:21

Product	SKU	Gender	Wastage Percentage
OUTWEAR	25AWSOV54385	Women	5%

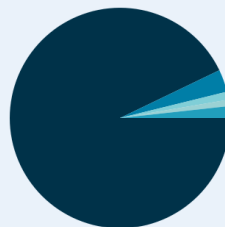
Property Name	Property Value	SQM
Body length	long	0.672
Fit	regular	0
Sleeves	long	0.3
Neck	korean mid	0.0282
Hood	no	0
EU SIZE	S woman	0.1935085228292251

Total Carbon Footprint

13.32 kg CO₂e

Estimated Offsetting Cost In EUR *

1.33 €



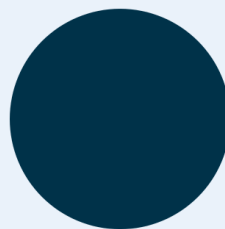
- Raw Material (92.87%)
- Yarn Production (3.30%)
- Spinning & Weaving (1.17%)
- Pattern Making & Cutting (0.93%)
- Stitching & Pressing (1.74%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

12.37 kg CO₂e

Estimated Offsetting Cost In EUR *

1.24 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

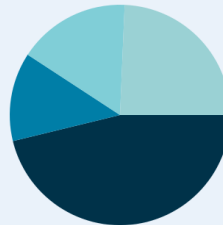
0 €

Process Carbon Footprint

0.95 kg CO₂e

Estimated Offsetting Cost In EUR *

0.1 €



- Yarn Production (46.23%)
- Pattern Making & Cutting (13.03%)
- Spinning & Weaving (16.47%)
- Stitching & Pressing (24.34%)
- Finishing & Packaging (0.01%)
- Yarn Production (0.01%)

* Current Average Market Value Of High Quality Carbon Credit

Phases country risk

Layer	Production Phase	Country	Country Risk / Provider
WOOL TAILORING	Raw Material	ITALY	Moderate Risk
WOOL TAILORING	Yarn Production	ITALY	Moderate Risk
WOOL TAILORING	Spinning & Weaving	ITALY	Moderate Risk
WOOL TAILORING	Dyeing & Printing	ITALY	Moderate Risk
WOOL TAILORING	Pattern Making & Cutting	ITALY	Moderate Risk
WOOL TAILORING	Stitching & Pressing	TURKEY	High Risk
WOOL TAILORING	Finishing & Packaging	TURKEY	High Risk
LEATHER	Raw Material	TURKEY	High Risk
LEATHER	Yarn Production	TURKEY	High Risk
LEATHER	Spinning & Weaving	TURKEY	High Risk
LEATHER	Dyeing & Printing	TURKEY	High Risk
LEATHER	Pattern Making & Cutting	TURKEY	High Risk
LEATHER	Stitching & Pressing	TURKEY	High Risk
LEATHER	Finishing & Packaging	TURKEY	High Risk
SHEEPSKIN	Raw Material	TURKEY	High Risk
SHEEPSKIN	Yarn Production	TURKEY	High Risk
SHEEPSKIN	Spinning & Weaving	TURKEY	High Risk
SHEEPSKIN	Dyeing & Printing	TURKEY	High Risk
SHEEPSKIN	Pattern Making & Cutting	TURKEY	High Risk
SHEEPSKIN	Stitching & Pressing	TURKEY	High Risk

Layer	Production Phase	Country	Country Risk / Provider
SHEEPSKIN	Finishing & Packaging	TURKEY	High Risk

Water Footprint & Land Impact Summary

Production Phase	Green Water (liters)	Blue Water (liters)	Grey Water (liters)
Raw Material	5172.67	800.7	263.55
Yarn Production	0	640.56	184.49
Total (Liters)	5172.67	1441.26	448.04

Land Impact Summary	
Total Land Use (m2)	0.14

WOOL TAILORING - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Wool generic	90%	24.7	271.0832	6695.7539
Cashmere	10%	56.6	20.0802	1136.5412
Total	100%	81.3	291.16	7832.3

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
Cashmere	ITALY	ITALY		0
Total				0

WOOL TAILORING - Yarn Production

Process Name	Material	
Carding (CO2e g)	Wool generic (ITALY) 33.7287	Cashmere (ITALY) 2.4984
Winding (CO2e g)	Wool generic (ITALY) 77.576	Cashmere (ITALY) 5.7464
Sizing (CO2e g)	Wool generic (ITALY) 1.6141	Cashmere (ITALY) 0.1196
Ring Spinning (CO2e g)	Wool generic (ITALY) 161.8978	Cashmere (ITALY) 11.9924
Warping (CO2e g)	Wool generic (ITALY) 5.4878	Cashmere (ITALY) 0.4065
Roving (Co2e g)	Wool generic (ITALY) 13.4915	Cashmere (ITALY) 0.9994
Dyeing (CO2e g)	Wool generic (ITALY) 41.9655	Cashmere (ITALY) 3.1086
Blowing (CO2e g)	Wool generic (ITALY) 30.3558	Cashmere (ITALY) 2.2486
Drawing (CO2e g)	Wool generic (ITALY) 20.2372	Cashmere (ITALY) 1.4991
Total	386.35439999999994	28.619

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
Cashmere	ITALY	ITALY		0
Total				0

WOOL TAILORING - Pattern Making & Cutting

Process Name	Material	
Cutting Emissions	Wool generic (ITALY) 54.2844	Cashmere (ITALY) 4.0211
Pattern Making (CO2e g)	Wool generic (ITALY) 54.2844	Cashmere (ITALY) 4.0211
Total	108.5688	8.0422

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	TURKEY	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Cashmere	ITALY	TURKEY	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	TURKEY	0.3339	35

WOOL TAILORING - Spinning & Weaving

Process Name	Material	
Spinning (CO2e g)	Wool generic (ITALY) 137.5205	Cashmere (ITALY) 10.1867
Weaving(CO2e g)	Wool generic (ITALY) 0.1448	Cashmere (ITALY) 0.0107
Total	137.6653	10.1974

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	ITALY	ITALY		0
Cashmere	ITALY	ITALY		0
Total				0

WOOL TAILORING - Stitching & Pressing

Process Name	Material	
Stitching(CO2e g)	Wool generic (TURKEY) 207.0533	Cashmere (TURKEY) 15.3373
Pressing (CO2e g)	Wool generic (TURKEY) 0.218	Cashmere (TURKEY) 0.0161
Total	207.2713	15.3534

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	TURKEY	TURKEY		0
Cashmere	TURKEY	TURKEY		0
Total				0

WOOL TAILORING - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	TURKEY	TURKEY		0
Cashmere	TURKEY	TURKEY		0

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	TURKEY	0.0626	1

LEATHER - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
LWG Lamb Leather	100%	9.04	251.0029	2269.0664
Total	100%	9.04	251	2269.07

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

LEATHER - Yarn Production

Process Name	Material
Carding (CO2e g)	LWG Lamb Leather (TURKEY) 1.0574
Winding (CO2e g)	LWG Lamb Leather (TURKEY) 2.432
Sizing (CO2e g)	LWG Lamb Leather (TURKEY) 0.0506
Ring Spinning (CO2e g)	LWG Lamb Leather (TURKEY) 5.0754
Warping (CO2e g)	LWG Lamb Leather (TURKEY) 0.172
Roving (Co2e g)	LWG Lamb Leather (TURKEY) 0.423
Dyeing (CO2e g)	LWG Lamb Leather (TURKEY) 1.3156
Blowing (CO2e g)	LWG Lamb Leather (TURKEY) 0.9516
Drawing (CO2e g)	LWG Lamb Leather (TURKEY) 0.6344
Total	12.112000000000002

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

LEATHER - Pattern Making & Cutting

Process Name	Material
Cutting Emissions	LWG Lamb Leather (TURKEY) 1.7018
Pattern Making (CO2e g)	LWG Lamb Leather (TURKEY) 1.7018
Total	3.4036

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	TURKEY	0.3339	35

LEATHER - Spinning & Weaving

Process Name	Material
Spinning (CO2e g)	LWG Lamb Leather (TURKEY) 4.3112
Weaving(CO2e g)	LWG Lamb Leather (TURKEY) 0.0045
Total	4.3157000000000005

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

LEATHER - Stitching & Pressing

Process Name	Material
Stitching(CO2e g)	LWG Lamb Leather (TURKEY) 4.3112
Pressing (CO2e g)	LWG Lamb Leather (TURKEY) 0.0045
Total	4.3157000000000005

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

LEATHER - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	TURKEY	0.0626	1

SHEEPSKIN - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
LWG Lamb Leather	100%	9.04	251.0029	2269.0664
Total	100%	9.04	251	2269.07

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

SHEEPSKIN - Yarn Production

Process Name	Material
Carding (CO2e g)	LWG Lamb Leather (TURKEY) 1.0574
Winding (CO2e g)	LWG Lamb Leather (TURKEY) 2.432
Sizing (CO2e g)	LWG Lamb Leather (TURKEY) 0.0506
Ring Spinning (CO2e g)	LWG Lamb Leather (TURKEY) 5.0754
Warping (CO2e g)	LWG Lamb Leather (TURKEY) 0.172
Roving (Co2e g)	LWG Lamb Leather (TURKEY) 0.423
Dyeing (CO2e g)	LWG Lamb Leather (TURKEY) 1.3156
Blowing (CO2e g)	LWG Lamb Leather (TURKEY) 0.9516
Drawing (CO2e g)	LWG Lamb Leather (TURKEY) 0.6344
Total	12.112000000000002

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

SHEEPSKIN - Pattern Making & Cutting

Process Name	Material
Cutting Emissions	LWG Lamb Leather (TURKEY) 1.7018
Pattern Making (CO2e g)	LWG Lamb Leather (TURKEY) 1.7018
Total	3.4036

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Zip (cm)	TURKEY	0.3339	35

SHEEPSKIN - Spinning & Weaving

Process Name	Material
Spinning (CO2e g)	LWG Lamb Leather (TURKEY) 4.3112
Weaving(CO2e g)	LWG Lamb Leather (TURKEY) 0.0045
Total	4.3157000000000005

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

SHEEPSKIN - Stitching & Pressing

Process Name	Material
Stitching(CO2e g)	LWG Lamb Leather (TURKEY) 4.3112

Process Name	Material
Pressing (CO2e g)	LWG Lamb Leather (TURKEY) 0.0045
Total	4.3157000000000005

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

SHEEPSKIN - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
LWG Lamb Leather	TURKEY	TURKEY		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	TURKEY	0.0626	1

Final Transportation

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Wool generic	TURKEY	UNITED KINGDOM	AIR - 0	0
Cashmere	TURKEY	UNITED KINGDOM	AIR - 0	0
Total				0

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