

Product Carbon Footprint Calculation Results

07/17/2025 - 10:21

Product	SKU	Gender	Wastage Percentage
OUTWEAR	25AWVIC51493A	Women	5%

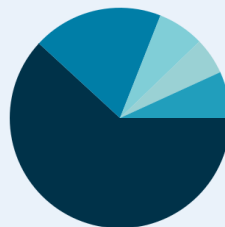
Property Name	Property Value	SQM
Body length	long	0.672
Fit	regular	0
Sleeves	long	0.3
Neck	regular reverse	0.03
Hood	no	0
EU SIZE	S woman	0.1935085228292251

Total Carbon Footprint

3.77 kg CO₂e

Estimated Offsetting Cost In EUR *

0.38 €



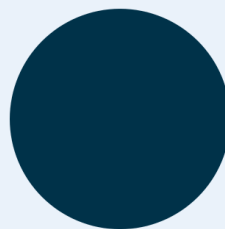
- Raw Material (61.80%)
- Yarn Production (19.13%)
- Spinning & Weaving (6.82%)
- Pattern Making & Cutting (5.38%)
- Stitching & Pressing (6.82%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

2.33 kg CO₂e

Estimated Offsetting Cost In EUR *

0.23 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

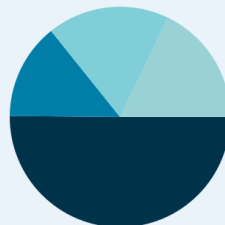
0 €

Process Carbon Footprint

1.44 kg CO₂e

Estimated Offsetting Cost In EUR *

0.14 €



- Yarn Production (50.09%)
- Pattern Making & Cutting (14.07%)
- Spinning & Weaving (17.85%)
- Stitching & Pressing (17.85%)
- Finishing & Packaging (0.01%)

* Current Average Market Value Of High Quality Carbon Credit

Phases country risk

Layer	Production Phase	Country	Country Risk / Provider
OPERATO 100% COTONE 50/2	Raw Material	ITALY	Moderate Risk
OPERATO 100% COTONE 50/2	Yarn Production	ITALY	Moderate Risk
OPERATO 100% COTONE 50/2	Spinning & Weaving	ITALY	Moderate Risk
OPERATO 100% COTONE 50/2	Dyeing & Printing	ITALY	Moderate Risk
OPERATO 100% COTONE 50/2	Pattern Making & Cutting	ITALY	Moderate Risk
OPERATO 100% COTONE 50/2	Stitching & Pressing	ITALY	Moderate Risk
OPERATO 100% COTONE 50/2	Finishing & Packaging	POLAND	Moderate Risk
T-LOGO LINING	Raw Material	CHINA	High Risk
T-LOGO LINING	Yarn Production	CHINA	High Risk
T-LOGO LINING	Spinning & Weaving	CHINA	High Risk
T-LOGO LINING	Dyeing & Printing	CHINA	High Risk
T-LOGO LINING	Pattern Making & Cutting	CHINA	High Risk
T-LOGO LINING	Stitching & Pressing	CHINA	High Risk
T-LOGO LINING	Finishing & Packaging	POLAND	Moderate Risk
WAXED COTTON	Raw Material	UNITED KINGDOM	Low Risk
WAXED COTTON	Yarn Production	UNITED KINGDOM	Low Risk
WAXED COTTON	Spinning & Weaving	UNITED KINGDOM	Low Risk
WAXED COTTON	Dyeing & Printing	UNITED KINGDOM	Low Risk
WAXED COTTON	Pattern Making & Cutting	UNITED KINGDOM	Low Risk
WAXED COTTON	Stitching & Pressing	UNITED KINGDOM	Low Risk

Layer	Production Phase	Country	Country Risk / Provider
WAXED COTTON	Finishing & Packaging	POLAND	Moderate Risk

Water Footprint & Land Impact Summary

Production Phase	Green Water (liters)	Blue Water (liters)	Grey Water (liters)
Raw Material	2277.17	578.35	1201.95
Yarn Production	0	462.68	841.37
Total (Liters)	2277.17	1041.03	2043.32

Land Impact Summary	
Total Land Use (m2)	0.02

OPERATO 100% COTONE 50/2 - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	100%	2.62	165.9601	434.8154
Total	100%	2.62	165.96	434.82

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

OPERATO 100% COTONE 50/2 - Yarn Production

Process Name	Material
Carding (CO2e g)	Cotton generic (ITALY) 20.6491
Winding (CO2e g)	Cotton generic (ITALY) 47.4929
Sizing (CO2e g)	Cotton generic (ITALY) 0.9881
Ring Spinning (CO2e g)	Cotton generic (ITALY) 99.1156
Warping (CO2e g)	Cotton generic (ITALY) 3.3597
Roving (Co2e g)	Cotton generic (ITALY) 8.2596
Dyeing (CO2e g)	Cotton generic (ITALY) 25.6917
Blowing (CO2e g)	Cotton generic (ITALY) 18.5842
Drawing (CO2e g)	Cotton generic (ITALY) 12.3894
Total	236.5303

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

OPERATO 100% COTONE 50/2 - Pattern Making & Cutting

Process Name	Material
Cutting Emissions	Cotton generic (ITALY) 33.2335
Pattern Making (CO2e g)	Cotton generic (ITALY) 33.2335

Process Name	Material
Total	66.467

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

OPERATO 100% COTONE 50/2 - Spinning & Weaving

Process Name	Material
Spinning (CO2e g)	Cotton generic (ITALY) 84.1915
Weaving(CO2e g)	Cotton generic (ITALY) 0.0886
Total	84.2801

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

OPERATO 100% COTONE 50/2 - Stitching & Pressing

Process Name	Material
Stitching(CO2e g)	Cotton generic (ITALY) 84.1915
Pressing (CO2e g)	Cotton generic (ITALY) 0.0886
Total	84.2801

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	POLAND	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Total				0

OPERATO 100% COTONE 50/2 - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	POLAND	POLAND		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	POLAND	0.0829	1

T-LOGO LINING - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	100.5819	1462.4602
Total	100%	14.54	100.58	1462.46

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

T-LOGO LINING - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (CHINA) 25.9197
Winding (CO2e g)	Viscose generic (CHINA) 59.6154
Sizing (CO2e g)	Viscose generic (CHINA) 1.2404
Ring Spinning (CO2e g)	Viscose generic (CHINA) 124.4148
Warping (CO2e g)	Viscose generic (CHINA) 4.2172
Roving (Co2e g)	Viscose generic (CHINA) 10.3679
Dyeing (CO2e g)	Viscose generic (CHINA) 32.2495
Blowing (CO2e g)	Viscose generic (CHINA) 23.3278
Drawing (CO2e g)	Viscose generic (CHINA) 15.5518
Total	296.9045

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

T-LOGO LINING - Pattern Making & Cutting

Process Name	Material
Cutting Emissions	Viscose generic (CHINA) 41.7163
Pattern Making (CO2e g)	Viscose generic (CHINA) 41.7163
Total	83.4326

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

T-LOGO LINING - Spinning & Weaving

Process Name	Material
Spinning (CO2e g)	Viscose generic (CHINA) 105.6814
Weaving(CO2e g)	Viscose generic (CHINA) 0.1112
Total	105.7926

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

T-LOGO LINING - Stitching & Pressing

Process Name	Material
Stitching(CO2e g)	Viscose generic (CHINA) 105.6814
Pressing (CO2e g)	Viscose generic (CHINA) 0.1112
Total	105.7926

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	CHINA	POLAND	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Total				0

T-LOGO LINING - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	POLAND	POLAND		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	POLAND	0.0829	1

WAXED COTTON - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	100%	2.62	165.9601	434.8154
Total	100%	2.62	165.96	434.82

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	UNITED KINGDOM	UNITED KINGDOM		0
Total				0

WAXED COTTON - Yarn Production

Process Name	Material
Carding (CO2e g)	Cotton generic (UNITED KINGDOM) 16.3955
Winding (CO2e g)	Cotton generic (UNITED KINGDOM) 37.7097
Sizing (CO2e g)	Cotton generic (UNITED KINGDOM) 0.7846
Ring Spinning (CO2e g)	Cotton generic (UNITED KINGDOM) 78.6985
Warping (CO2e g)	Cotton generic (UNITED KINGDOM) 2.6676
Roving (Co2e g)	Cotton generic (UNITED KINGDOM) 6.5582
Dyeing (CO2e g)	Cotton generic (UNITED KINGDOM) 20.3994
Blowing (CO2e g)	Cotton generic (UNITED KINGDOM) 14.756
Drawing (CO2e g)	Cotton generic (UNITED KINGDOM) 9.8373
Total	187.8068

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	UNITED KINGDOM	UNITED KINGDOM		0
Total				0

WAXED COTTON - Pattern Making & Cutting

Process Name	Material
Cutting Emissions	Cotton generic (UNITED KINGDOM) 26.3876
Pattern Making (CO2e g)	Cotton generic (UNITED KINGDOM) 26.3876
Total	52.7752

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	UNITED KINGDOM	UNITED KINGDOM		0
Total				0

WAXED COTTON - Spinning & Weaving

Process Name	Material
Spinning (CO2e g)	Cotton generic (UNITED KINGDOM) 66.8487
Weaving(CO2e g)	Cotton generic (UNITED KINGDOM) 0.0704
Total	66.9191

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	UNITED KINGDOM	UNITED KINGDOM		0
Total				0

WAXED COTTON - Stitching & Pressing

Process Name	Material
Stitching(CO2e g)	Cotton generic (UNITED KINGDOM) 66.8487
Pressing (CO2e g)	Cotton generic (UNITED KINGDOM) 0.0704
Total	66.9191

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	UNITED KINGDOM	POLAND	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Total				0

WAXED COTTON - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	POLAND	POLAND		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	POLAND	0.0829	1

Final Transportation

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	POLAND	UNITED KINGDOM	AIR - 0	0
Total				0

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