

Product Carbon Footprint Calculation Results

07/17/2025 - 10:21

Product	SKU
SUITS	25AWCOV53411

Layer	Gender	Wastage Percentage
Blazer	Women	5%

Property Name	Property Value	SQM
Upper body length	regular	0.656
Fit	slim	0.25
Pockets	2 jetted	0
Sleeves	regular	0.2624
Front	reverse single breasted one/two bottom	2.56
EU SIZE	M woman	0

Layer	Gender	Wastage Percentage
Pants	Women	5%

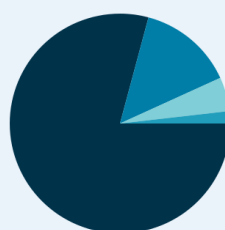
Property Name	Property Value	SQM
Length	long	0.95
Shape	straight	0
Rise	regular	0
Cargo	yes	0.03
EU SIZE	M woman	0

Total Carbon Footprint

9.74 kg CO₂e

Estimated Offsetting Cost In EUR *

0.97 €



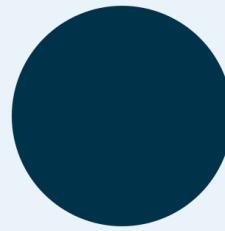
- Raw Material (79.16%)
- Yarn Production (14.02%)
- Fabric Production (5.01%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (1.81%)

Raw Material Carbon Footprint

7.71 kg CO₂e

Estimated Offsetting Cost In EUR *

0.77 €



Finishing & Packaging (0.00%)

Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

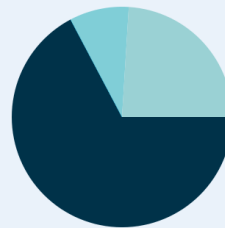
0 €

Process Carbon Footprint

2.03 kg CO₂e

Estimated Offsetting Cost In EUR *

0.2 €



- Yarn Production (67.26%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (8.71%)
- Fabric Production (24.02%)
- Finishing & Packaging (0.00%)

* Current Average Market Value Of High Quality Carbon Credit

Phases country risk

Layer	Production Phase	Country	Country Risk / Provider
STRETCH COTTON VISCOSE VELVET	Raw Material	ITALY	Moderate Risk
STRETCH COTTON VISCOSE VELVET	Yarn Production	ITALY	Moderate Risk
STRETCH COTTON VISCOSE VELVET	Fabric Production	ITALY	Moderate Risk
STRETCH COTTON VISCOSE VELVET	Cutting & Stitching	LITHUANIA	Moderate Risk
STRETCH COTTON VISCOSE VELVET	Garment Manufacturing	LITHUANIA	Moderate Risk
STRETCH COTTON VISCOSE VELVET	Finishing & Packaging	LITHUANIA	Moderate Risk
T-LOGO LINING	Raw Material	CHINA	High Risk
T-LOGO LINING	Yarn Production	CHINA	High Risk
T-LOGO LINING	Fabric Production	CHINA	High Risk

Layer	Production Phase	Country	Country Risk / Provider
T-LOGO LINING	Cutting & Stitching	LITHUANIA	Moderate Risk
T-LOGO LINING	Garment Manufacturing	LITHUANIA	Moderate Risk
T-LOGO LINING	Finishing & Packaging	LITHUANIA	Moderate Risk
Viscose Lining	Raw Material	ITALY	Moderate Risk
Viscose Lining	Yarn Production	ITALY	Moderate Risk
Viscose Lining	Fabric Production	ITALY	Moderate Risk
Viscose Lining	Cutting & Stitching	LITHUANIA	Moderate Risk
Viscose Lining	Garment Manufacturing	LITHUANIA	Moderate Risk
Viscose Lining	Finishing & Packaging	LITHUANIA	Moderate Risk

Water Footprint & Land Impact Summary

Production Phase	Green Water (liters)	Blue Water (liters)	Grey Water (liters)
Raw Material	3093.84	749.59	1044.24
Yarn Production	0	599.67	730.97
Fabric Production	0	562.19	783.18
Garment Manufacturing	0	997.55	1576.59
Total (Liters)	3093.84	2909	4134.98

Land Impact Summary	
Total Land Use (m2)	0.02

STRETCH COTTON VISCOSE VELVET - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	70%	2.62	243.4348	637.7992
Viscose generic	28%	14.54	59.0145	858.0709
Elastane/Spandex	2%	10.7	8.2199	87.9527
Total	100%	27.86	310.67	1583.82

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Viscose generic	ITALY	ITALY		0
Elastane/Spandex	ITALY	ITALY		0
Total				0

STRETCH COTTON VISCOSE VELVET - Yarn Production

Process Name	Material		
Carding (CO2e g)	Cotton generic (ITALY) 30.2886	Viscose generic (ITALY) 7.3427	Elastane/Spandex (ITALY) 1.0227
Winding (CO2e g)	Cotton generic (ITALY) 69.6639	Viscose generic (ITALY) 16.8882	Elastane/Spandex (ITALY) 2.3523
Sizing (CO2e g)	Cotton generic (ITALY) 1.4494	Viscose generic (ITALY) 0.3514	Elastane/Spandex (ITALY) 0.0489

Process Name	Material		
Ring Spinning (CO2e g)	Cotton generic (ITALY) 145.3855	Viscose generic (ITALY) 35.245	Elastane/Spandex (ITALY) 4.9091
Warping (CO2e g)	Cotton generic (ITALY) 4.9281	Viscose generic (ITALY) 1.1947	Elastane/Spandex (ITALY) 0.1664
Roving (Co2e g)	Cotton generic (ITALY) 12.1155	Viscose generic (ITALY) 2.9371	Elastane/Spandex (ITALY) 0.4091
Dyeing (CO2e g)	Cotton generic (ITALY) 37.6853	Viscose generic (ITALY) 9.1358	Elastane/Spandex (ITALY) 1.2725
Blowing (CO2e g)	Cotton generic (ITALY) 27.2598	Viscose generic (ITALY) 6.6084	Elastane/Spandex (ITALY) 0.9205
Drawing (CO2e g)	Cotton generic (ITALY) 18.1732	Viscose generic (ITALY) 4.4056	Elastane/Spandex (ITALY) 0.6136
Total	346.9493	84.1089	11.715100000000001

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Viscose generic	ITALY	ITALY		0
Elastane/Spandex	ITALY	ITALY		0
Total				0

STRETCH COTTON VISCOSE VELVET - Cutting & Stitching

Process Name	Material		
Major cutting	Cotton generic (LITHUANIA) 0.0013	Viscose generic (LITHUANIA) 0.0003	Elastane/Spandex (LITHUANIA) 0
Total	0.0013	0.0003	0

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	LITHUANIA	LITHUANIA		0
Viscose generic	LITHUANIA	LITHUANIA		0
Elastane/Spandex	LITHUANIA	LITHUANIA		0
Total				0

STRETCH COTTON VISCOSE VELVET - Garment Manufacturing

Process Name	Material		
Garment dyeing (CO2e g)	Cotton generic (LITHUANIA) 25.4511	Viscose generic (LITHUANIA) 6.17	Elastane/Spandex (LITHUANIA) 0.8594
Finishing Emissions (CO2g)	Cotton generic (LITHUANIA) 15.519	Viscose generic (LITHUANIA) 3.7622	Elastane/Spandex (LITHUANIA) 0.524
Laundry Emissions (CO2e g)	Cotton generic (LITHUANIA) 15.519	Viscose generic (LITHUANIA) 3.7622	Elastane/Spandex (LITHUANIA) 0.524
Washing & Drying Emissions	Cotton generic (LITHUANIA) 2.2761	Viscose generic (LITHUANIA) 0.5518	Elastane/Spandex (LITHUANIA) 0.0769
Total	58.7652	14.2462	1.9843

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	LITHUANIA	LITHUANIA		0
Viscose generic	LITHUANIA	LITHUANIA		0
Elastane/Spandex	LITHUANIA	LITHUANIA		0
Total				0

STRETCH COTTON VISCOSE VELVET - Fabric Production

Process Name	Material		
Heat Setting (CO2e g)	Cotton generic (ITALY) 0.13	Viscose generic (ITALY) 0.0315	Elastane/Spandex (ITALY) 0.0044
Coating (CO2e g)	Cotton generic (ITALY) 0	Viscose generic (ITALY) 0	Elastane/Spandex (ITALY) 0
Bonding (CO2e g)	Cotton generic (ITALY) 0.2697	Viscose generic (ITALY) 0.0654	Elastane/Spandex (ITALY) 0.0091
Weaving (CO2e g)	Cotton generic (ITALY) 123.4945	Viscose generic (ITALY) 29.9381	Elastane/Spandex (ITALY) 4.1699
Total	123.8942	30.035	4.1834

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

STRETCH COTTON VISCOSE VELVET - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	LITHUANIA	LITHUANIA		0
Viscose generic	LITHUANIA	LITHUANIA		0
Elastane/Spandex	LITHUANIA	LITHUANIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	LITHUANIA	0.0132	1

T-LOGO LINING - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	210.7661	3064.5388
Total	100%	14.54	210.77	3064.54

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) 54.314
Winding (CO2e g)	Viscose generic (CHINA) 124.9222
Sizing (CO2e g)	Viscose generic (CHINA) 2.5991
Ring Spinning (CO2e g)	Viscose generic (CHINA) 260.7072
Warping (CO2e g)	Viscose generic (CHINA) 8.8371
Roving (Co2e g)	Viscose generic (CHINA) 21.7256
Dyeing (CO2e g)	Viscose generic (CHINA) 67.5778
Blowing (CO2e g)	Viscose generic (CHINA) 48.8826
Drawing (CO2e g)	Viscose generic (CHINA) 32.5884
Total	622.154

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

T-LOGO LINING - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (LITHUANIA) 0.0011
Total	0.0011

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

T-LOGO LINING - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Viscose generic (LITHUANIA) 22.0356
Finishing Emissions (CO2g)	Viscose generic (LITHUANIA) 13.4363
Laundry Emissions (CO2e g)	Viscose generic (LITHUANIA) 13.4363
Washing & Drying Emissions	Viscose generic (LITHUANIA) 1.9707
Total	50.878899999999994

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

T-LOGO LINING - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (CHINA) 0.2331
Coating (CO2e g)	Viscose generic (CHINA) 0
Bonding (CO2e g)	Viscose generic (CHINA) 0.4837
Weaving (CO2e g)	Viscose generic (CHINA) 221.4519
Total	222.1687

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

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	LITHUANIA	0.0132	1

Viscose Lining - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	210.7661	3064.5388
Total	100%	14.54	210.77	3064.54

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

Viscose Lining - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (ITALY) 26.2239
Winding (CO2e g)	Viscose generic (ITALY) 60.3151
Sizing (CO2e g)	Viscose generic (ITALY) 1.2549
Ring Spinning (CO2e g)	Viscose generic (ITALY) 125.8749
Warping (CO2e g)	Viscose generic (ITALY) 4.2667
Roving (Co2e g)	Viscose generic (ITALY) 10.4896
Dyeing (CO2e g)	Viscose generic (ITALY) 32.628
Blowing (CO2e g)	Viscose generic (ITALY) 23.6015

Process Name	Material
Drawing (CO2e g)	Viscose generic (ITALY) 15.7344
Total	300.38899999999995

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

Viscose Lining - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (LITHUANIA) 0.0011
Total	0.0011

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

Viscose Lining - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Viscose generic (LITHUANIA) 22.0356
Finishing Emissions (CO2g)	Viscose generic (LITHUANIA) 13.4363
Laundry Emissions (CO2e g)	Viscose generic (LITHUANIA) 13.4363
Washing & Drying Emissions	Viscose generic (LITHUANIA) 1.9707
Total	50.878899999999994

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

Viscose Lining - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (ITALY) 0.1125
Coating (CO2e g)	Viscose generic (ITALY) 0
Bonding (CO2e g)	Viscose generic (ITALY) 0.2335
Weaving (CO2e g)	Viscose generic (ITALY) 106.9216
Total	107.2676

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

Viscose Lining - Finishing & Packaging

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

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	LITHUANIA	0.0132	1

Final Transportation

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	LITHUANIA	UNITED KINGDOM	AIR - 0	0
Viscose generic	LITHUANIA	UNITED KINGDOM	AIR - 0	0
Elastane/Spandex	LITHUANIA	UNITED KINGDOM	AIR - 0	0
Total				0

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