

Product Carbon Footprint Calculation Results

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Product	SKU
DRESSES	25AWCOL54888

Layer	Gender	Wastage Percentage
Tops	Women	5%

Property Name	Property Value	SQM
Upper body length	regular	0.6
Fit	slim	1.44
Sleeves	long	0.289
Neck	polo	0.03
EU SIZE	S woman	0.1935085228292251

Layer	Gender	Wastage Percentage
Skirts	Women	5%

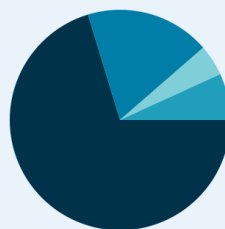
Property Name	Property Value	SQM
Length	calf	0.5658
Shape	circle	324
Rise	regular	0
EU SIZE	S woman	0.1935085228292251

Total Carbon Footprint

6.78 kg CO₂e

Estimated Offsetting Cost In EUR *

0.68 €



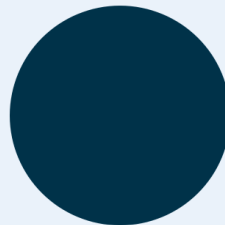
- Raw Material (70.35%)
- Yarn Production (18.31%)
- Fabric Production (4.58%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (6.82%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

4.77 kg CO₂e

Estimated Offsetting Cost In EUR *

0.48 €



● Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

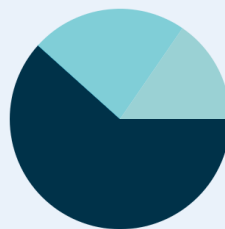
0 €

Process Carbon Footprint

2.01 kg CO₂e

Estimated Offsetting Cost In EUR *

0.2 €



- Yarn Production (61.77%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (23.00%)
- Fabric Production (15.44%)
- Finishing & Packaging (0.00%)

* Current Average Market Value Of High Quality Carbon Credit

Phases country risk

Layer	Production Phase	Country	Country Risk / Provider
TWEED LIKE FABRIC	Raw Material	ITALY	Moderate Risk
TWEED LIKE FABRIC	Yarn Production	ITALY	Moderate Risk
TWEED LIKE FABRIC	Fabric Production	ITALY	Moderate Risk
TWEED LIKE FABRIC	Cutting & Stitching	ITALY	Moderate Risk
TWEED LIKE FABRIC	Garment Manufacturing	ITALY	Moderate Risk
TWEED LIKE FABRIC	Finishing & Packaging	ITALY	Moderate Risk
T-LOGO LINING	Raw Material	CHINA	High Risk
T-LOGO LINING	Yarn Production	CHINA	High Risk
T-LOGO LINING	Fabric Production	ITALY	Moderate Risk
T-LOGO LINING	Cutting & Stitching	ITALY	Moderate Risk
T-LOGO LINING	Garment Manufacturing	ITALY	Moderate Risk

Layer	Production Phase	Country	Country Risk / Provider
T-LOGO LINING	Finishing & Packaging	ITALY	Moderate Risk

Water Footprint & Land Impact Summary

Production Phase	Green Water (liters)	Blue Water (liters)	Grey Water (liters)
Raw Material	2380.83	591.61	1030.64
Yarn Production	0	473.28	721.45
Fabric Production	0	443.7	772.98
Garment Manufacturing	0	739.53	1418.14
Total (Liters)	2380.83	2248.12	3943.21

Land Impact Summary	
Total Land Use (m2)	0.02

TWEED LIKE FABRIC - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Cotton generic	65%	2.62	261.7442	685.7698
Polyester China	28%	3.1	75.1676	233.0194
Acrylic	4%	10.59	24.4051	258.4495
Polyamide	2%	4.6	1.9524	8.9811
Viscose generic	1%	14.54	2.4405	35.4849
Total	100%	35.45	365.71	1221.7

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Polyester China	ITALY	ITALY		0
Acrylic	ITALY	ITALY		0
Polyamide	ITALY	ITALY		0
Viscose generic	ITALY	ITALY		0
Total				0

TWEED LIKE FABRIC - Yarn Production

Process Name	Material				
Carding (CO2e g)	Cotton generic (ITALY) 32.5667	Polyester China (ITALY) 9.3525	Acrylic (ITALY) 3.0365	Polyamide (ITALY) 0.2429	Viscose generic (ITALY) 0.3037
Winding (CO2e g)	Cotton generic (ITALY) 74.9035	Polyester China (ITALY) 21.5107	Acrylic (ITALY) 6.984	Polyamide (ITALY) 0.5587	Viscose generic (ITALY) 0.6984
Sizing (CO2e g)	Cotton generic (ITALY) 1.5585	Polyester China (ITALY) 0.4476	Acrylic (ITALY) 0.1453	Polyamide (ITALY) 0.0116	Viscose generic (ITALY) 0.0145

Process Name	Material				
Ring Spinning (CO2e g)	Cotton generic (ITALY) 156.3203	Polyester China (ITALY) 44.892	Acrylic (ITALY) 14.5753	Polyamide (ITALY) 1.166	Viscose generic (ITALY) 1.4575
Warping (CO2e g)	Cotton generic (ITALY) 5.2987	Polyester China (ITALY) 1.5217	Acrylic (ITALY) 0.4941	Polyamide (ITALY) 0.0395	Viscose generic (ITALY) 0.0494
Roving (Co2e g)	Cotton generic (ITALY) 13.0267	Polyester China (ITALY) 3.741	Acrylic (ITALY) 1.2146	Polyamide (ITALY) 0.0972	Viscose generic (ITALY) 0.1215
Dyeing (CO2e g)	Cotton generic (ITALY) 40.5197	Polyester China (ITALY) 11.6364	Acrylic (ITALY) 3.7781	Polyamide (ITALY) 0.3022	Viscose generic (ITALY) 0.3778
Blowing (CO2e g)	Cotton generic (ITALY) 29.3101	Polyester China (ITALY) 8.4172	Acrylic (ITALY) 2.7329	Polyamide (ITALY) 0.2186	Viscose generic (ITALY) 0.2733
Drawing (CO2e g)	Cotton generic (ITALY) 19.54	Polyester China (ITALY) 5.6115	Acrylic (ITALY) 1.8219	Polyamide (ITALY) 0.1458	Viscose generic (ITALY) 0.1822
Total	373.0442	107.13059999999999	34.7827	2.7824999999999998	3.4783

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Polyester China	ITALY	ITALY		0
Acrylic	ITALY	ITALY		0
Polyamide	ITALY	ITALY		0
Viscose generic	ITALY	ITALY		0
Total				0

TWEED LIKE FABRIC - Cutting & Stitching

Process Name	Material				
Major cutting	Cotton generic (ITALY) 0.0042	Polyester China (ITALY) 0.0012	Acrylic (ITALY) 0.0004	Polyamide (ITALY) 0	Viscose generic (ITALY) 0
Total	0.0042	0.0012	0.0004	0	0

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Polyester China	ITALY	ITALY		0
Acrylic	ITALY	ITALY		0
Polyamide	ITALY	ITALY		0
Viscose generic	ITALY	ITALY		0
Total				0

TWEED LIKE FABRIC - Garment Manufacturing

Process Name	Material				
Garment dyeing (CO2e g)	Cotton generic (ITALY) 85.9594	Polyester China (ITALY) 24.6858	Acrylic (ITALY) 8.0149	Polyamide (ITALY) 0.6412	Viscose generic (ITALY) 0.8015
Finishing Emissions (CO2g)	Cotton generic (ITALY) 52.4143	Polyester China (ITALY) 15.0523	Acrylic (ITALY) 4.8871	Polyamide (ITALY) 0.391	Viscose generic (ITALY) 0.4887
Laundry Emissions (CO2e g)	Cotton generic (ITALY) 52.4143	Polyester China (ITALY) 15.0523	Acrylic (ITALY) 4.8871	Polyamide (ITALY) 0.391	Viscose generic (ITALY) 0.4887
Washing & Drying Emissions	Cotton generic (ITALY) 7.6874	Polyester China (ITALY) 2.2077	Acrylic (ITALY) 0.7168	Polyamide (ITALY) 0.0573	Viscose generic (ITALY) 0.0717
Total	198.47539999999998	56.998100000000001	18.5059	1.4805	1.8506000000000002

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Polyester China	ITALY	ITALY		0
Acrylic	ITALY	ITALY		0
Polyamide	ITALY	ITALY		0
Viscose generic	ITALY	ITALY		0
Total				0

TWEED LIKE FABRIC - Fabric Production

Process Name	Material				
Heat Setting (CO2e g)	Cotton generic (ITALY) 0.1398	Polyester China (ITALY) 0.0401	Acrylic (ITALY) 0.013	Polyamide (ITALY) 0.001	Viscose generic (ITALY) 0.0013
Coating (CO2e g)	Cotton generic (ITALY) 0	Polyester China (ITALY) 0	Acrylic (ITALY) 0	Polyamide (ITALY) 0	Viscose generic (ITALY) 0
Bonding (CO2e g)	Cotton generic (ITALY) 0.29	Polyester China (ITALY) 0.0833	Acrylic (ITALY) 0.027	Polyamide (ITALY) 0.0022	Viscose generic (ITALY) 0.0027
Weaving (CO2e g)	Cotton generic (ITALY) 132.7828	Polyester China (ITALY) 38.1325	Acrylic (ITALY) 12.3807	Polyamide (ITALY) 0.9905	Viscose generic (ITALY) 1.2381
Total	133.2126	38.2559	12.420699999999998	0.9937	1.2421

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Polyester China	ITALY	ITALY		0
Acrylic	ITALY	ITALY		0
Polyamide	ITALY	ITALY		0
Viscose generic	ITALY	ITALY		0
Total				0

TWEED LIKE FABRIC - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Cotton generic	ITALY	ITALY		0
Polyester China	ITALY	ITALY		0
Acrylic	ITALY	ITALY		0
Polyamide	ITALY	ITALY		0
Viscose generic	ITALY	ITALY		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	ITALY	0.0416	1

T-LOGO LINING - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	244.0505	3548.4946
Total	100%	14.54	244.05	3548.49

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) 62.8913
Winding (CO2e g)	Viscose generic (CHINA) 144.6501
Sizing (CO2e g)	Viscose generic (CHINA) 3.0096
Ring Spinning (CO2e g)	Viscose generic (CHINA) 301.8784
Warping (CO2e g)	Viscose generic (CHINA) 10.2327
Roving (Co2e g)	Viscose generic (CHINA) 25.1565
Dyeing (CO2e g)	Viscose generic (CHINA) 78.2498
Blowing (CO2e g)	Viscose generic (CHINA) 56.6022
Drawing (CO2e g)	Viscose generic (CHINA) 37.7348
Total	720.40540000000001

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

T-LOGO LINING - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (ITALY) 0.004
Total	0.004

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

T-LOGO LINING - Garment Manufacturing

Process Name	Material
Garment dyeing (CO2e g)	Viscose generic (ITALY) 80.1486
Finishing Emissions (CO2g)	Viscose generic (ITALY) 48.8711
Laundry Emissions (CO2e g)	Viscose generic (ITALY) 48.8711
Washing & Drying Emissions	Viscose generic (ITALY) 7.1678
Total	185.0586

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

T-LOGO LINING - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (ITALY) 0.1303
Coating (CO2e g)	Viscose generic (ITALY) 0
Bonding (CO2e g)	Viscose generic (ITALY) 0.2704
Weaving (CO2e g)	Viscose generic (ITALY) 123.8068
Total	124.2075

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

T-LOGO LINING - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	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
Polyester China	ITALY	UNITED KINGDOM	AIR - 0	0
Acrylic	ITALY	UNITED KINGDOM	AIR - 0	0
Polyamide	ITALY	UNITED KINGDOM	AIR - 0	0
Viscose generic	ITALY	UNITED KINGDOM	AIR - 0	0
Total				0

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