

Product Carbon Footprint Calculation Results

07/17/2025 - 10:21

Product	SKU	Gender	Wastage Percentage
BLAZER	25AWCOL54824	Women	5%

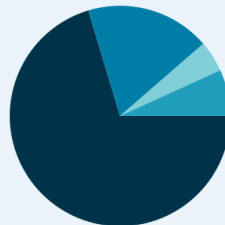
Property Name	Property Value	SQM
Body length	regular	0.656
Fit	slim	0.25
Pockets	2 jetted	0
Sleeves	regular	0.2624
Front	reverse single breasted one/two button	2.56
EU SIZE	S woman	0.1935085228292251

Total Carbon Footprint

2.87 kg CO₂e

Estimated Offsetting Cost In EUR *

0.29 €



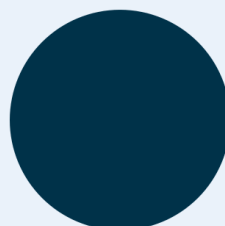
- Raw Material (70.38%)
- Yarn Production (18.28%)
- Fabric Production (4.57%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (6.81%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

2.02 kg CO₂e

Estimated Offsetting Cost In EUR *

0.2 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

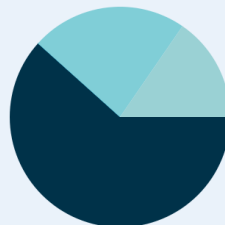
0 €

Process Carbon Footprint

0.85 kg CO₂e

Estimated Offsetting Cost In EUR *

0.08 €



- Yarn Production (61.72%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (22.98%)
- Fabric Production (15.43%)
- 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
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	1006	249.98	435.49
Yarn Production	0	199.98	304.84
Fabric Production	0	187.48	326.61
Garment Manufacturing	0	312.48	599.22
Total (Liters)	1006	949.92	1666.16

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	110.5974	289.7651
Polyester China	28%	3.1	31.7613	98.46
Acrylic	4%	10.59	10.3121	109.2052
Polyamide	2%	4.6	0.825	3.7949
Viscose generic	1%	14.54	1.0312	14.9938
Total	100%	35.45	154.53	516.22

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) 13.7607	Polyester China (ITALY) 3.9518	Acrylic (ITALY) 1.2831	Polyamide (ITALY) 0.1026	Viscose generic (ITALY) 0.1283
Winding (CO2e g)	Cotton generic (ITALY) 31.6497	Polyester China (ITALY) 9.0891	Acrylic (ITALY) 2.951	Polyamide (ITALY) 0.2361	Viscose generic (ITALY) 0.2951
Sizing (CO2e g)	Cotton generic (ITALY) 0.6585	Polyester China (ITALY) 0.1891	Acrylic (ITALY) 0.0614	Polyamide (ITALY) 0.0049	Viscose generic (ITALY) 0.0061
Ring Spinning (CO2e g)	Cotton generic (ITALY) 66.0516	Polyester China (ITALY) 18.9687	Acrylic (ITALY) 6.1587	Polyamide (ITALY) 0.4927	Viscose generic (ITALY) 0.6159
Warping (CO2e g)	Cotton generic (ITALY) 2.2389	Polyester China (ITALY) 0.643	Acrylic (ITALY) 0.2088	Polyamide (ITALY) 0.0167	Viscose generic (ITALY) 0.0209
Roving (Co2e g)	Cotton generic (ITALY) 5.5043	Polyester China (ITALY) 1.5807	Acrylic (ITALY) 0.5132	Polyamide (ITALY) 0.0411	Viscose generic (ITALY) 0.0513
Dyeing (CO2e g)	Cotton generic (ITALY) 17.1212	Polyester China (ITALY) 4.9169	Acrylic (ITALY) 1.5964	Polyamide (ITALY) 0.1277	Viscose generic (ITALY) 0.1596

Process Name	Material				
Blowing (CO2e g)	Cotton generic (ITALY) 12.3847	Polyester China (ITALY) 3.5566	Acrylic (ITALY) 1.1547	Polyamide (ITALY) 0.0924	Viscose generic (ITALY) 0.1155
Drawing (CO2e g)	Cotton generic (ITALY) 8.2564	Polyester China (ITALY) 2.3711	Acrylic (ITALY) 0.7698	Polyamide (ITALY) 0.0616	Viscose generic (ITALY) 0.077
Total	157.62599999999998	45.267	14.6971	1.1758000000000002	1.4696999999999996

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) 0.0018	Polyester China (ITALY) 0.0005	Acrylic (ITALY) 0.0002	Polyamide (ITALY) 0	Viscose generic (ITALY) 0
Total	0.0018	0.0005	0.0002	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) 36.3213	Polyester China (ITALY) 10.4307	Acrylic (ITALY) 3.3866	Polyamide (ITALY) 0.2709	Viscose generic (ITALY) 0.3387
Finishing Emissions (CO2g)	Cotton generic (ITALY) 22.1471	Polyester China (ITALY) 6.3602	Acrylic (ITALY) 2.065	Polyamide (ITALY) 0.1652	Viscose generic (ITALY) 0.2065
Laundry Emissions (CO2e g)	Cotton generic (ITALY) 22.1471	Polyester China (ITALY) 6.3602	Acrylic (ITALY) 2.065	Polyamide (ITALY) 0.1652	Viscose generic (ITALY) 0.2065

Process Name	Material				
Washing & Drying Emissions	Cotton generic (ITALY) 3.2482	Polyester China (ITALY) 0.9328	Acrylic (ITALY) 0.3029	Polyamide (ITALY) 0.0242	Viscose generic (ITALY) 0.0303
Total	83.8637	24.0839	7.819500000000001	0.6255	0.782

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) 0.0591	Polyester China (ITALY) 0.017	Acrylic (ITALY) 0.0055	Polyamide (ITALY) 0.0004	Viscose generic (ITALY) 0.0006
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) 0.1225	Polyester China (ITALY) 0.0352	Acrylic (ITALY) 0.0114	Polyamide (ITALY) 0.0009	Viscose generic (ITALY) 0.0011
Weaving (CO2e g)	Cotton generic (ITALY) 56.106	Polyester China (ITALY) 16.1125	Acrylic (ITALY) 5.2313	Polyamide (ITALY) 0.4185	Viscose generic (ITALY) 0.5231
Total	56.287600000000005	16.1647	5.2482	0.4198	0.5248

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

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
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	103.1211	1499.3807
Total	100%	14.54	103.12	1499.38

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) 26.5741
Winding (CO2e g)	Viscose generic (CHINA) 61.1204
Sizing (CO2e g)	Viscose generic (CHINA) 1.2717
Ring Spinning (CO2e g)	Viscose generic (CHINA) 127.5557
Warping (CO2e g)	Viscose generic (CHINA) 4.3237
Roving (Co2e g)	Viscose generic (CHINA) 10.6296
Dyeing (CO2e g)	Viscose generic (CHINA) 33.0637
Blowing (CO2e g)	Viscose generic (CHINA) 23.9167
Drawing (CO2e g)	Viscose generic (CHINA) 15.9445
Total	304.4001

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) 0.0017
Total	0.0017

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) 33.866
Finishing Emissions (CO2g)	Viscose generic (ITALY) 20.65
Laundry Emissions (CO2e g)	Viscose generic (ITALY) 20.65
Washing & Drying Emissions	Viscose generic (ITALY) 3.0287
Total	78.1947

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) 0.0551
Coating (CO2e g)	Viscose generic (ITALY) 0
Bonding (CO2e g)	Viscose generic (ITALY) 0.1143
Weaving (CO2e g)	Viscose generic (ITALY) 52.3133
Total	52.4827

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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