Product Carbon Footprint Calculation Results

07/17/2025 - 10:21

Product	SKU	Gender	Wastage Percentage
OUTWEAR	25AWFRA53547	Women	5%

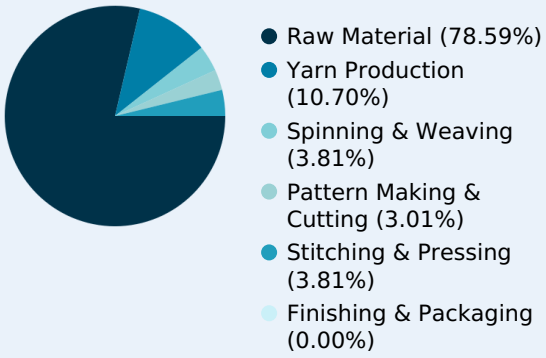
Property Name	Property Value	SQM
Body length	regular	0.56
Fit	regular	0
Sleeves	long	0.3
Neck	regular reverse	0.03
Hood	no	0
EU SIZE	S woman	0.1935085228292251

Total Carbon Footprint

3.69 kg CO_2e

Estimated Offsetting Cost In EUR *

0.37 €

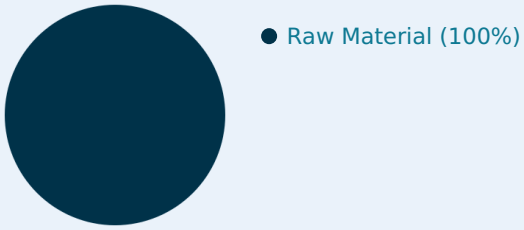


Raw Material Carbon Footprint

2.9 kg CO_2e

Estimated Offsetting Cost In EUR *

0.29 €



Transportation Carbon Footprint

0 kg CO_2e

Estimated Offsetting Cost In EUR *

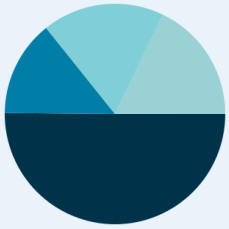
0 €

Process Carbon Footprint

0.79 kg CO_2e

Estimated Offsetting Cost In EUR *

0.08 €



* Current Average Market Value Of High Quality Carbon Credit

Phases country risk

Layer	Production Phase	Country	Country Risk / Provider
FRANCIS JACQUARD - PANELLO - WOVEN	Raw Material	ITALY	Moderate Risk
FRANCIS JACQUARD - PANELLO - WOVEN	Yarn Production	ITALY	Moderate Risk
FRANCIS JACQUARD - PANELLO - WOVEN	Spinning & Weaving	ITALY	Moderate Risk
FRANCIS JACQUARD - PANELLO - WOVEN	Dyeing & Printing	ITALY	Moderate Risk
FRANCIS JACQUARD - PANELLO - WOVEN	Pattern Making & Cutting	ITALY	Moderate Risk
FRANCIS JACQUARD - PANELLO - WOVEN	Stitching & Pressing	ITALY	Moderate Risk
FRANCIS JACQUARD - PANELLO - WOVEN	Finishing & Packaging	POLAND	Moderate Risk
VISCOSE LINING	Raw Material	ITALY	Moderate Risk
VISCOSE LINING	Yarn Production	ITALY	Moderate Risk
VISCOSE LINING	Spinning & Weaving	ITALY	Moderate Risk
VISCOSE LINING	Dyeing & Printing	ITALY	Moderate Risk
VISCOSE LINING	Pattern Making & Cutting	ITALY	Moderate Risk
VISCOSE LINING	Stitching & Pressing	ITALY	Moderate Risk
VISCOSE LINING	Finishing & Packaging	POLAND	Moderate Risk
Viscose Lining	Raw Material	ITALY	Moderate Risk
Viscose Lining	Yarn Production	ITALY	Moderate Risk
Viscose Lining	Spinning & Weaving	ITALY	Moderate Risk
Viscose Lining	Dyeing & Printing	ITALY	Moderate Risk
Viscose Lining	Pattern Making & Cutting	ITALY	Moderate Risk
Viscose Lining	Stitching & Pressing	ITALY	Moderate Risk

Layer	Production Phase	Country	Country Risk / Provider
Viscose Lining	Finishing & Packaging	POLAND	Moderate Risk

Water Footprint & Land Impact Summary

Production Phase	Green Water (liters)	Blue Water (liters)	Grey Water (liters)
Raw Material	625.37	144.42	86.21
Yarn Production	0	115.53	60.35
Total (Liters)	**625.37**	**259.95**	**146.56**

Land Impact Summary	
Total Land Use (m2)	**0.01**

FRANCIS JACQUARD - PANELLO - WOVEN - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Polyester China	100%	3.1	98.2731	304.6466
Total	**100%**	**3.1**	**98.27**	**304.65**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyester China	ITALY	ITALY		0
Total				**0**

FRANCIS JACQUARD - PANELLO - WOVEN - Yarn Production

Process Name	Material
Carding (CO2e g)	Polyester China (ITALY) 12.2273
Winding (CO2e g)	Polyester China (ITALY) 28.1229
Sizing (CO2e g)	Polyester China (ITALY) 0.5851
Ring Spinning (CO2e g)	Polyester China (ITALY) 58.6912
Warping (CO2e g)	Polyester China (ITALY) 1.9894
Roving (Co2e g)	Polyester China (ITALY) 4.8909
Dyeing (CO2e g)	Polyester China (ITALY) 15.2133
Blowing (CO2e g)	Polyester China (ITALY) 11.0046
Drawing (CO2e g)	Polyester China (ITALY) 7.3364
Total	**140.0611**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyester China	ITALY	ITALY		0
Total				**0**

FRANCIS JACQUARD - PANELLO - WOVEN - Pattern Making & Cutting

Process Name	Material
Cutting Emissions	Polyester China (ITALY) 19.6792

Process Name	Material
Pattern Making (CO2e g)	Polyester China (ITALY) 19.6792
Total	**39.3584**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyester China	ITALY	ITALY		0
Total				**0**

FRANCIS JACQUARD - PANELLO - WOVEN - Spinning & Weaving

Process Name	Material
Spinning (CO2e g)	Polyester China (ITALY) 49.8539
Weaving(CO2e g)	Polyester China (ITALY) 0.0525
Total	**49.906400000000005**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyester China	ITALY	ITALY		0
Total				**0**

FRANCIS JACQUARD - PANELLO - WOVEN - Stitching & Pressing

Process Name	Material
Stitching(CO2e g)	Polyester China (ITALY) 49.8539
Pressing (CO2e g)	Polyester China (ITALY) 0.0525
Total	**49.906400000000005**

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyester China	ITALY	POLAND	Truck/Heavy goods vehicle - 0 Aircraft - 0	0
Total				**0**

FRANCIS JACQUARD - PANELLO - WOVEN - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Polyester China	POLAND	POLAND		0
Total				**0**

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

VISCOSE LINING - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	89.3392	1298.9916
Total	**100%**	**14.54**	**89.34**	**1298.99**

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) 11.1158
Winding (CO2e g)	Viscose generic (ITALY) 25.5662
Sizing (CO2e g)	Viscose generic (ITALY) 0.5319
Ring Spinning (CO2e g)	Viscose generic (ITALY) 53.3556
Warping (CO2e g)	Viscose generic (ITALY) 1.8086
Roving (Co2e g)	Viscose generic (ITALY) 4.4463
Dyeing (CO2e g)	Viscose generic (ITALY) 13.8303
Blowing (CO2e g)	Viscose generic (ITALY) 10.0042
Drawing (CO2e g)	Viscose generic (ITALY) 6.6695
Total	**127.32839999999999**

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

VISCOSE LINING - Pattern Making & Cutting

Process Name	Material
Cutting Emissions	Viscose generic (ITALY) 17.8902
Pattern Making (CO2e g)	Viscose generic (ITALY) 17.8902
Total	**35.7804**

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

VISCOSE LINING - Spinning & Weaving

Process Name	Material
Spinning (CO2e g)	Viscose generic (ITALY) 45.3218
Weaving(CO2e g)	Viscose generic (ITALY) 0.0477
Total	**45.3695**

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

VISCOSE LINING - Stitching & Pressing

Process Name	Material
Stitching(CO2e g)	Viscose generic (ITALY) 45.3218
Pressing (CO2e g)	Viscose generic (ITALY) 0.0477
Total	**45.3695**

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

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

Viscose Lining - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	89.3392	1298.9916
Total	**100%**	**14.54**	**89.34**	**1298.99**

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) 11.1158
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Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	ITALY	ITALY		0
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Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	ITALY	ITALY		0
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Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	ITALY	ITALY		0
Total				**0**

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Process Name	Material
Stitching(CO2e g)	Viscose generic (ITALY) 45.3218
Pressing (CO2e g)	Viscose generic (ITALY) 0.0477
Total	**45.3695**

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

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