

Totals: sustainable 29% - conventional 71%

Material	Percentage
cotton (BCI)	24,3%
cotton organic (GOTS / OCS)	2,0%
cotton recycled	1,5%
jute	0,1%
polyester recycled (RGS)	1,5%
viscose Liva eco	0,1%
acryl	1,2%
cotton	38,2%
elastane	1,9%
nylon	1,2%
polyamide	1,6%
polyester	24,3%
polyurethaan	0,4%
viscose	1,1%
viscose bamboo	0,3%
Vinyl	0,1%
Coir	0,1%
Totaal	100,0%



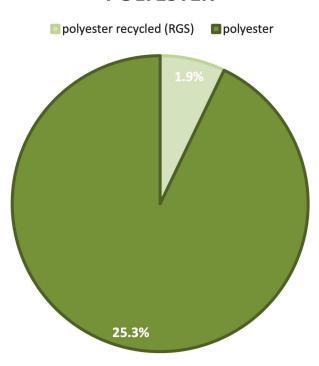
Totals: sustainable 36% - conventional 63%

Material	Percentage
cotton (BCI)	30,4%
cotton organic (GOTS / OCS)	2,4%
cotton recycled	1,1%
polyester recycled (RGS)	1,9%
RESALE*	0,1%
viscose ecovero	0,1%
viscose Liva eco	0,2%
acryl	3,4%
cotton	27,9%
elastane	1,9%
nylon	1,3%
polyamide	1,9%
polyester	25,3%
polyurethaan	0,5%
viscose	1,3%
viscose bamboo	0,2%
Totaal	100,0%

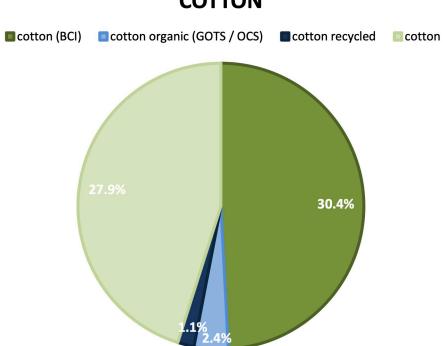
^{*}RESALE is second hand clothing. For more info see https://www.zeeman.com/nl/resale.





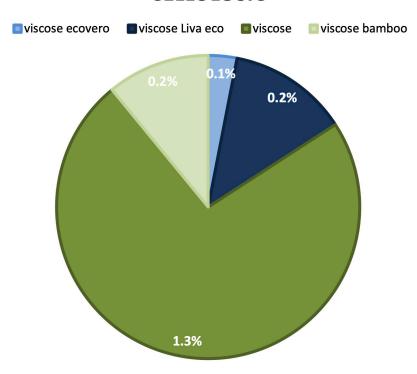


COTTON





CELLULOSIC





TOOL – HOW TO DEFINE A SUSTAINABLE MATERIAL



This overview is a first step to guide you in gaining insights into the risks of materials		Material Type	Indication envir	onmental impact	Potential animal welfare	Indication environmental and animal welfare	Brief description of risks	Sustainable Alternatives
used and to support you in making choices. Various sources have been used. It is important to realize that these sources often don, or, or not lifty, look all illimpact areas (environment, social, animals) and that in addition, not all links of the supply dain are often included. Reviewing and improving benchmarks and certification schemes is a continuous process. It is therefore always important to keep thinking carefully about the impact within your own supply chain and materials used and which steps you can take.					risk	Impact		
Rew material	authenticity relevant	Man-made: Bio-Based Natural: Plant origin Natural: Animal origin	See sharepoint:	See: https://apparelcoalition. org/higg-msi/	by a AGT task team	Textile Exchange Corporate Fiber Material Benchmark scoring Methodology See https://textileexchange.org/ and or Sharepoint:		Recognized more sustainable alternative for mainstream material
All common malarials used for garments and leadles are listed.	For certain more sustainable options it is essential to ensure authenticity through proper checks and procedures according to the certification/increding process. This continuation whether this is relevant for the said material and whether you need to fill cut the quartily for which you have access to certificates or other proof.	Distinguishes between 4 types of fiber nitrate fiber originating form plants (e.g., cotton) or arimsts (e.g., cotton) or arimsts (e.g., wool) and Manmads Synthesis and Manmads Synthesis and Manmads Synthesis on Manmads blobsased fiber. Synthesio fibers are made by man using chemical synthesis (e.g., cotton or returns inputs creations of on returns inputs (cellulose) but further chamically processed (e.g., viscose)		In januari 2020 the SAC replaced the single MSI score by only showing the score on all 5 different environmental impact areas of the MSI. Os to HIGG MSI to see the individual scorings. You may only compare these scores within the same type		The higher the score, the lower the impact. Testals Exchange (TE) uses of event. Level 1 conventional, level 2 improved, TE) and a level. Level 1 conventional, level 2 improved, and control 1 improved 1 improv	Only the most frequent, service and documented rinks are described. Other risks rings to supplicable and depend on exact production method, country and other factors.	The below mentioned materials are perceived as more sustainable than their maintenance counterparts. This claim is either based on their party certification and/or common understanding lagreement of lay staisholders in the society. The tild mentioned materials in amount of the society. The tild mentioned materials in amount of the society of the tild mentioned materials in amount of the society. The tild mentioned materials is assumed to the society of the mention of the society of which is the society of the processing of the fore; years or bridge (a glyping, finishing and terming) is consistent under the topic of what, evering and channels and terming is consistent under the topic of what, evering and channels are some of terminals.
Acetate Acrylic/Polyacrylic		000000		of material. 23.9 18.0	not applicable not applicable	Level 1 not available		(WECH). Polylana (recycled polyester)
Bamboo viscose		Bio-based	Ε	not available	not applicable	not available	Environment: It is important to distinguish between hamboo and bamboo stores as gramphoo is sens as green on; I requires little wate, fertilities and pesticides and grows on poer soils. In order to produce bamboo succes however it is quite common to use strong chemicals such as sodium hydroxide (caustic soda) and sodium sulphiche to produce bamboo puln; his process also requires large amounts of water. Bamboo pulp is dissolved with caustic sodal and action dissolved caustic sodal and action dissplicitle creating a viscous solution which is then purified and spun into fibres.	
Cotton, conventional		Plant origin	ε	60.5	not applicable	Level i	arable land is used for farming cotton. Cotton also requires a lot of water. Irrigation is required for about 75% of all global cotton production. An increased share of conventional cotton is	Better cotton Cotton Made in Africa (CmIA) Fairtrade cotton (certified) Cotton, organic (and in-conversion) (certified) Recycled cotton (certified)
Cotton, Better cotton	yes	Plant origin	not available	not available	not applicable	Level 2	The Better Cotton Initiative (BCI) brings together farmers, industry, retailers, brands and NGOs to improve the environmental, social and economic conditions while growing cotton. Over 1.5 million farmers across 23 countries produce Better Cotton. Impact studies show the reduced impact on environment and improved impact on the economic well-being of farmers.	
Cotton, CmiA	yes	Plant origin	not available	13.4	not applicable	Level 3	Cotton made in Africa (CmIA) is similar to Better Cotton. Focus is however on farmers in African countries only. Key difference with the Better Cotton initiative is that CmiA prohibits genetically modified cotton (GM or BT cotton) while BCI allows for (is technically neutral) GM cotton.	
Cotton, Fairtrade (certified)	yes	Plant origin	not available	not available	not applicable	Level 3	Fairtrade aims to improve the situation of farmers and their environment by setting strict criteria related to the social, environmental and economic conditions of cotton farmers. Specific characteristics for Fairtrade include the set minimum price for cotton and the Fairtrade enremium for farmers	
Cotton, organic (and in-conversion) (certified)	yes	Plant origin	В	11.9	not applicable	Level 3	Embroament: organic certified cotton (et firm level) prohibits the use of genetically modified seeds. Water use is not addressed in the standard but since organic cotton is often grown in rain fed excels the standard but since organic cotton is often grown in rain fed excels of the standard but since organic cotton is often grown in rain fed excels often and the standard but since organic cotton is often that convention fraging districts of the standard of the standard of the standard on the expelication of natural fertilizer. Human Rights: labour issues are not addressed in organic standards on farm level. Certain organic projects/cooperathes do however address sold in human rights size of human rights size. Most used organic certification stremes are OCS and GOTS. Main difference is that Gots or only includes them level, but all ten of the supply Johan. Mainly on environmental aspects, but also basic levels of human rights size.	
Cotton, Recycled cotton (certified)	yes	Plant origin	not available	1.0	not applicable	Level 4	Environment: Recycled cotton is produced with certified pre-or post-consumer wants. The environmental impact of recycled cotton is reduced when compare to conventional cotton because the farming and priming of cotton is sloped in the process of recycles. The water, sesticides, retribiers and energy rormally recycled to the process of the process of recycled process many from the process pressure on the global available are of farminad necessary to provide food, feed, five and fuel for a growing word population. The recycling process many from your stronger process many furnity to provide food, feed, five and fuel for a growing word population. The recycling process many furnity breath strangers, than therefore were vervicemental friendly. Naman Rights: labour issues related to the recycling of cotton are not in depth addressed in recycled strandards.	
Cupro/Cupro ammonium rayon		Bio-based	Ε	not available	not applicable	not available	Emicromental: Is produced in a cuprammonium process copper- cionde discolved in ammonium hydroxide (scaled blue solution); to finally discolve cellulose parts. Some countries decided to quit with this production process due to the very harmfull production process. Then are manufactment but make sustainability claims, related to the use of repoded cotton (the crotton illness are used, which are normally a wester product, since these are too timy to spin with) and a less harmful production process. Important is that cupro can only be claimed as a "more sustainable" material, when a cloed-loop production process is in place.	
Down & feathers, duck or goose		Animal origin	not available	5.2	Medium risk	Level 1	the natural needs (e.g. lack of access to open water). Forced	RDS (Responsible Down Standard) certified recycled down & feathers, TDS, Down pass
Down & feathers , duck or goose RDS certified	yes	Animal origin	not available	not available	Low Risk	Level 3	Animal welfare: Full chain of custody scheme, parent farms optional. RDS certification prohibits forced feeding and live plucking of birds, and prescribes general animal welfare measures. Annual announced and unannounced audits on practically all farms.	
Down & feathers , duck or goose TDS certified	yes	Animal origin	not available	not available	not applicable	Level 3	Animal welfare: Full chain of custody scheme, parent farms obligatory, TDS certification prohibits forced feeding and live plucking of birds, and prescribes basic animal welfare measures. Regular unannounced audits, 100% of the high risk farms	
Down & feathers , duck or goose Down Pass certified	yes	Animal origin	not available	not available	not applicable	Level 3	Animal welfare: Full chain of custody scheme, parent farms optional. Down Pass certification prohibits forced feeding and live plucking of birds, and prescribes basic, general AW requirements, audits based on EU and national legislation. Regular announced and unannounced audits, 100% of high risk farms (but risk	
Down & feathers , duck or goose recycled (Certified)	yes	Animal origin	not available	not available	not applicable	Level 4	calculation slighth flowed. RCS and GRS set requirements for third-party certification of recycled input. GRS includes additional criteria for social and environmental processing requirements and chemical restrictions. GRS covers products made with a minimum of 200 recycled material. As per label grade RCS offers woo logo varieties. RCS 100 (Innimum 95% recycled material content) or RCS Diended (Innimum 95% recycled material Content) or RCS Diend	
Elastane (spandex)		Synthetic	E	29.1	not applicable	not available	elastane takes toxic chemicals and is energy intensive. Elastane does not have a long lifespan and is a vulnerable fibre to dry heat.	Biobased elastane Recycled elastane (spandex) certified
Biobased elastane Recycled Elastane (spandex) Certified			not available not available	not available not available	not applicable not applicable	not available not available		



Exotic skins (crocodile, snake, etc.)		Animal origin	not available	not available	High Risk	not available	Animal welfare: Cozotille and sable experience states disease, far and an aimment in their antum behaviour while losing kept on farms. The conditions these animals face are parentally appailing, with exteme confinement, broad slaugher practices and burned lines with widelite trafficking, Apart from the injuries that e.g. concilies in farms suffer either devicement the main risks apply when the animals are being killed. Cubbing and bottleng (rocoloiles) and cubbing behaviour or sufficient states of the control o	
Fur (for, rabbit, mink, raccoon dog, etc.)		Animal origin	not available	not available	High Risk	not available	Animal welfare: Fur animals are not domestizated and therefore not adapted to humans and acplainly. On the farms they are keep to not adapted to humans and acplainly, on the farms they are keep to not except on the ment cages which limit natural behaviour and the basic needs of the animals. This can lead to phylaic, psychological and behavioural problems as well as increased infant mortality. Killing by electrocution or gesification on cause for apprial and stress. Animal welfare risks of wild caught a nimals are related to the trapping method in his traps there is agree risks or larger that repairs and stress. Leg-hold traps lead to injuries, and animals can and a pet injurie wild trying for fee themselves. Letth traps often do not lead to an immediate death, causing pain and stress. An unwanted is defered to frapping, is that other animals can also be caught in these traps.	Re-used Fur, Recycled synthetic fur (Ecopel)
Recycled Synthetic Fur	yes	Synthetic	not available	not available	not available	not available	WelFur is an industry-owned certificate currently focussing on	
Fur, Welfur	yes	Animal origin	not available	not available	High risk	not available	mink and fox farms in Europe. The keeping requirements on the controlled farms are largely based on the insufficient and oudsteed Council of Europe Recommendations (1999). Thus the scheme fails to acteautly address significant welfare problems caused by the confinement of animals to battery cage systems on fur farms. Welfar content do not ensure that the species in question can realize their species specific needs, for example by for foress. The proportion of the confinement of animals to battery cage systems on the confinement of the species of the speci	Recycled synthetic fur (Ecopel)
Нетр		Plant origin	С	51.9	not applicable	not available	Hemp is a rotative and remenable crop which grown quickly while low quantities of pesticides and fertilisers are being applied. Hemp is also as rain fed crop which does not need ingation. The applied retting technique (which sparates the stalk from the filler) influences the environmental footpuin of hemp, in Europe only natural or doer retting is allowed. Water retting in water tanks with chemicals was abundoned in the 1950s due to environmental hazards. Water or chemical retting is still used outside Europe.	Organic Hemp
Organic Hemp Jute	yes	Plant origin Plant origin	not available not available	not available 8.5	not applicable not applicable	not available not available		
Kapok Fairtrade Kapok	yes	Plant origin Plant origin	not available not available	not available not available	not applicable not applicable	not available not available		
Leather/suede - Cow/calf	yo.	Animal origin	not available	133.0	Medium risk	not available	Animal welfare: In iterative production systems with high stocking demuties, catale cannot enhibit entrain instantal behaviour. A lack of bedded lying areas in stable is also of concern. In deededost (common in the USA or Australia), limited availability of shade and sheller can cause immerse physical discomfort. Mutitations like debidding, polling (behavior), but indexing, tooth dispine, branding, ear tagging and castration are often done without ansextless and pain neith. The early weening of calves lead to stress. Come are often transported over long distances without previous of food undex, leading its production of the control of the cont	Organic leather/suede (Certified)
Leather /swede-Goat		Animal origin	not available	125.7	Medium risk	not available	of great concern. Removing horns can lead to long-listing palls and brain damage. When grasslands are degreeded, plants consists too little mortificity, and the greats can experience hange and other disconfert and di	Organic leather/suede (Certified)
Leather/suede - Lamb		Animal origin	not available	not available	Medium risk	not available	Animal welfare: In extensive production systems when sheep stay outdoors permently, a lock of sheet can cause physical discomfort in areas with eatrems weather; especially lambs are succeptible. Overgrain decreases the nutritional content of the grass, leading to hunger and disease. Sheep in harm are sometime not feed enough, indoor housing can also lead to streechyptical behaviour and health problems (such as foot red). Additional; it, a bidding, carriation, intelligent disease sheet and also sheet and also sheet and also sheet sheet and also sheet and also sheet handling is another concern. Long distance transport(i. by boat), which at access to food and water, cause langer and strees. Saughtering sheep can take place unstunned, causing pain and stress.	Organic leather/suede (Certified)
Leather/suede - Pig		Animal origin	not available	125.7	Medium risk	not available	Animal welfare: physical mudalisions such as castration, tail doding and tools riging are often carried out without anaesthesis, and lead to pain, stress and health problems. Gose confinement of pile, in indeed systems and leave staffs raises welfare concerns because the lack of freedom and barrenness of the surroundings. Piles on the transported overling distances in the surroundings. Piles can be transported overling distances carriages, leading to stress, pain, injuries, lunger and thirst. Outrigs slaughtering rais occurriage rate of headings, inadequate stunning clinium esturning of CCD stunning, the latter causine enormous staffs.	Organic leather/suede (Certified)
Organic leather/suede (Certified)	yes	Animal origin	not available	not available	Low Risk	not available	Animal welfare: organic standards linked to live stock and meat production consider animal welfare. Specific issues like handling transport, slaughter and the tanning process of leather are (not always) taken into account.	
Recycled Leather (certified) Linen	yes	Animal origin Plant origin	not available	not available	not available not applicable	not available not available	Environment: Linen fiber is found in the stalk of the flax plant. Flax is a rotative and removable cury which grows quickly while low quantities of pesticides and fertilines are being applied. That is also a rain fed crop which separates the stalk from the fiber influences the environmental floragent of firen. In Largor enly natural or of envir entirely a sidned. Water entirely in water tasks manufact of environmental and the stalk of the control water and the stalk of the stalk of the stalk of the stalk of the natural or of environmental water sharhout a feet to the SISM due to environmental hazards. Water or chemical retting is still used outside Europe.	Organic Linen (certified)
Linen, organic (Certified)	ves	Plant origin	A	not available	not applicable	not available	Environment: see the description for linen. Organic linen adds the prohibition/restriction of synthetic pesticides and only allows for	
Lurex	100	Synthetic	not available	not available	not applicable	not available	dew retting.	
Lyocell, Tencel Lyocell, Refilbra	yes	Synthetic Bio-based Bio-based	not available not available 8	9.5	not applicable not applicable	not evaluate Level 2 Level 3	Environmental: Trence I posed is a leveal product developed by a company named Lensing. Tencel is made from cellulose of exacéption wood, Lensing in the company named Lensing. Tencel is made from cellulose of exacéption wood. Lensing Lensing in the Company of t	Tencel Lyocell, Refibra
Modal		Bio-based	D	29.1	not applicable	Level 2	Environment. Modal fiftees are improved viscose filters. They have better and more stated testile performance properties. Modal is stronger, both wet and day, more breathable and has more resistance to shrinkinge and pilling. The arm waterial for Modal are the same as for viscose, moderate growing natural reressable sources from the result. The production is demical and energy intensive. The spinning bath needs additional chemicals, but these are less toxic compared to viscose. The production selected are eless toxic compared to viscose, the stall Modal in not seen as a more sustainable atternation.	Tencel Modal
Modal, Lenzing Modal, Tencel Modal	yes	Bio-based	not available	4.9	not applicable	Level 3	Environment: Lenzing Modal differs from other Modals via Lenzings efforts to reduce and recover energy and via the aim to use pulp from certified forests (FSC or PEFC certified). All Lenzing production sites are ISO 14001 certified	
Neoprene (Chloroprene rubber) PLA (polylactic acid)		Synthetic Bio-based	not available C		not applicable not applicable	not available not available		



Polyamide (Nylon)		Synthetic	E	26.6 (Nylon 6) 30.4 (Nylon 6.6)	not applicable	Level 1	Environment: The input used to produce polyamide contains crude oil derived chemicals like benzene and butadiene. Crude oil is a non-renewable resource and therefore limited. Polyamide production is energy intensive and is linked to high greenhouse ass emissions Environment: Chemical recycling is very different from mechanical	Chemical Recycled Nylon (Certified) Mechanical Recycled Nylon (Certified)
Polyamide (Nyton), chemically recycled	yes	Synthetic	В	not available	not applicable	Level 4	and is essentially de-polymerisation of the polymer to its building blocks (monomers) and then polymerising again. This proces has a higher environmental footprint than mechanical recycling as it happens at high temperatures and require more chemical additives. This is commercially done for PA6, called Econyl and in the meantime other recPA-brands are entering the market.	
Polyamide (Nylon), mechanically recycled	yes	Synthetic	A	3.9	not applicable	Level 4	Environment: Recycled polyamide can be made by using post- consumer waste and post-industrial waste, such as fishing nets, carpets and used papert. The process is about melting and filament extrusion. As waste material is used, which would otherwise be sent to landfill or incinerated, non-renewable resources and enerary is saved.	
Polyester		Synthetic	D	11.0	not applicable	Level 1	Environment: Polyesters are manufactured using petroleum from which the constituent acids and alcohols are derived. Petroleum is a non-renewable resource and therefore limited. Polyester	Chemical Recycled Polyester (Certified) Mechanical Recycled Polyester (Certified) Polylana
Polyester, chemically recycled	yes	Synthetic	В	5.4	not applicable	Level 4	Environment: see the description for mechanically recycled polyester below. Chemical recycling has a higher environmental footprint than mechanical recycling. This is because chemical recycling involves more energy as de-polymerisation and re- polymerisation happen at high temperatures and require more chemical additives	
Polyester, mechanically recycled	yes	Synthetic	A	3.9	not applicable	Level 4	Environment: Recycled polyester is manufactured using waste material which would otherwise be sent to landfill or incinerated. Recycling saves non-renewable resources (petroleum) and also significantly saves energy and reduces the amount of greenhouse gas emitted when compared to conventional polyester	
Polyester, Polylana		Synthetic	not available	not available	not applicable	not available	Can be used as an alternative on Acrylic, although it is polyester based.	
Polyurethane (PU) and Thermoplastic Polyurethane (TPU) Water- Based PU		Synthetic Synthetic	not available not available	30.7 not available	not applicable not applicable	not available not available		Water-based PU
PVC (polyvinylchloride)		Synthetic	not available	not available	not applicable	not available	Environment: PVC or polyvinylchloride is increasingly banned by both brands and governments due to list toxic effect on man and environment. PVC is said to be toxic, persistent, bio accumulative and is considered as being hormone disruptive and carcinogenic	
Ramie		Plant origin	С	not available	not applicable	not available	Animal welfare: silkworms and moths can be negatively affected	
Silk		Animal origin	not available	93.6	Medium risk	not available	due to the fertilisers and pesticides used for the growing of mulberry trees and the placing of nets which prevent the silk moths from flying off. Silk worms possibly experience pain when their corons is dried in the sun is exposed to but water or steam	Ahimsa Silk Organic Silk (Certified) Wild silk
Silk, organic (Certified)	yes	Animal origin	not available	not available	Low Risk	not available	Animal Welfare: Organic silk standards do not address animal welfare. They do however limit/prohibit the use of synthetic fertilizer and pesticides. Almina silk (of Fr silk or peace silk) is harvested after the moth has left the cocoon. Wild silk is harvested from cocoons in the wild, often after the moth has left the cocoon. Bourette/stumpij silk is made of the leftovers of the cocoon. Bourette/stumpij silk is made of the leftovers of the cocoon. after harvestim the touter threads of silk.	
Viscoe/Rayon		Bio-based	Ε	23.8	not applicable	Level 1	Environment: Bio-based or regenerated fibres of cellulose origin, like viscose or reyn are often made of cellulose from tree wood. In order to produce viscose, it is quite common to use strong chemicals such as sodium hydroxide (caustic soda) and sodium sulphide to produce wood pulp. This process also requires large amounts of water. Wood pulp is dissolved with caustic soda and carbon disulphide creating a viscos solution which is deed.	Ecovero by Lenzing
Ecovero by Lenzing	yes	Bio-based	not available	5.0 (Lenzing Viscose Europe) 14.7 (Lenzing Viscose Asia)	not applicable	not available	purified and spun into fibres. Environment: Lenzing Viscose & Lenzing Ecovero differs from other Viscose via Lenzing efforts to reduce and recover energy and via the aim to use pulp from certified forests (FSC or PEFC certified). All Lenzing production sites are ISO 14001 certified	
Wool, alpaca		Animal origin	not available	not available	Medium risk	not available	Animal welfare: The main producing country of alpacs fleece, Peru, has no animal welfare regulations in place. The main issues regarding alpacas is the shearing process (restraining and shearing) as this is immensely stressful for these animals as scientific studies have pointed out. This applies especially circled that places as they are heavily pregnant in the time slot when shearing takes place in Peru (usually around November.)	Wool organic (certified) Wool Recycled (certified)
Wool, angora		Animal origin	not available	not available	High Risk	not available	Animal welfare: Angora rabbits are kept in small cages which limits their natural behaviour, deforms their spine because they cannot sit jurgist), and steel cages can cause foot uters. They can not now and occupy themselves appropriately by foraging and exploring, and behavior all disorders often develop, like steeropyies and physical agreesion. Placking is extremely painful and stressful, and can lead to injuries. Shemic glast appose an intel organist stress and oliquires, as injuries. Shemic glast appose an intel organist stress and oliquires, as compared to the control of the stressful stressful can be considered to the control of the stressful stressful stressful stressful stressful can be considered to the stressful stres	Wool organic (certified) Wool Recycled (certified)
Wool, cashmere		Animal origin	not available	not available	High risk	not available	Animal welfare: Physical mutilations are a key problem. Removing horns can lead to long-lasting pain and brain damage. Slaughtering goats can take place unstunned, causing pain and stress. A lack of shelter can lead to physical discomfort and disease, and goats who are kept indoors are limited in exhibiting their natural behaviour. Graats can be transcorred over long.	Wool organic (certified) Re. Verso
Wool, catherer, Re. Verso	Yes	Animal origin	not available	not available	not available	not available	Re. Verso is made of post-factory waste. Environment It has app \$12% reduction in environmental impact when compared to vigin cashmere. Animal welfare: No specific requirements are set on animal welfare. No specific requirements are set on animal welfare. No est of the cat that it is re-regimened material is reduces the demand on virgin cashmere. However virgin cashmere production is needed as re-Verso is made of its waste.	
Wool, cashmere, SFA		Animal origin	not available	not available	Medium Risk	not available	Animal welfare: Although SFA provides some improvements compared to conventional cashiner production, there are still concerns: disbuddle/dehoming is allowed lethough not practiced commonly, no mandatory pain relief during castration, and SFA possibly allows tethering of slatt at immais (bursure). The standard sets no long distance transport limitation (man hours). Furthermore is no explicibly demanded that animals are stunned rather than likelid by blant force trauma. SFA for soil and explicable demanded that animals are intended to the standard of th	
Wool, mohair		Animal origin	not available	not available	High risk	not available		Wool organic (certified) Wool Recycled (certified)
Wool, organic	yes	Animal origin	not available	not available	Low Risk	Level 3	Animal welfare: organic standards linked to live stock and meat production consider animal welfare. Specific issues like handling, transport and slaughter are (not always) taken into account.	
Wool, recycled	yes	Animal origin	А	not available	not applicable	Level 4	Environment and Animal werfare: Recycled wood is produced with certified per or post-consumer wants. The environmental impact of recycled wood is less when compared to conventional wood because the bivoto phase of wood is skepped in the process of recycling, the entire welfare and environmental issues at farm less are some produced or the produced of the produced	



Wool, sheep, merino	Animal origin	Ε	46.1	High Risk	Level 1	or keeping systems, or breeding for sheep who are less succeptible to hynrike. Multations (f. et al. dioding, castration, mulesing) done without ansesthesis lead to pain, and can cause infections. Sheep join dones in individual compartments can experience stress. The long-distance transport of sheep by boat from Australia to Inmidie-east for slaughter in infamous because of the every poor conditions and high mortality rates. Subguithering sometimes takes place without stunning, and ineffective stunning is also of concern. NVOS AWAX certificates are get sufficient. Environment: Wood scores poorly on GHG emissions due to the bedring of the sheep, as sheep are runnimants, methane is	Organic wool Patagonia Wool Standard Recycled Wool RWS (Responsible Wool Standard) RWS (Responsible Wool Standard) RWS (Responsible Wool Standard) Annual waters Full chain of country for the standard of the
Wool, sheep, other	Animal origin		not available	Medium risk	Level I	Animal welfare: most sheep live in extensive production systems, and stay auditors premamently. A lack of shelter can cause physical discomfort in areas with extreme weather, sepscially lamshar as ususceptible. Overgrazing and high-density keeping systems can decrease the nutritional content of the grass, leading to tunique and diseases. Sheep in brans are sometimes not fed enough, and indoor housing can also lead to stereotypical behaviour and health products. Multiplication does without some content of the co	Organic wool Patagonia Wool Standard Recycled Wool WWS (Responsible Wool Standard) Certified Wool
Other Fiber		not available	not available	not applicable	not available		