Overview of transition periods

Transition from old GS to GS 2.0:

Concept applies to all NEW products from W15/16 onward.
This also applies to products that receive a "face lift" and thus a new product number!

All-season products / NOS with the current GS label must be tested according to the new criteria within 3 years (i.e. for W18/19) at the latest. If they meet the new criteria, they will receive the GS 2.0 label, if not, the product is no longer GS.

This means that starting with the W18/19 Collection, there will no longer be an old GS label!

Transitional periods for components:

Base: The test report for critical substances is not valid until Bettina has developed and introduced a corresponding concept.

Killer criterion PFC-DWR:
Fabrics: apparel no transition period; hardware only valid from S17 onward
Trims: applies to apparel and hardware only from W20 onward

Trims - Criteria:
Killer criteria (except PFC) apply as of introduction, i.e. as of W15/16.
Criteria for the 30% trim on the product do not have to be fulfilled until the system (PDM) has been automated in such a way that the amount of work is justifiable. In other words, there should be a PDM-compatible BOM sheet that is filled by the producers and can then be imported directly into the PDM (no more manual input!). There you can see what is considered fabric for GS 2.0 and what is trim, and which trims are out of scope. So the PDM can then automatically calculate how many parts list items are 30% and therefore have to fulfill GS.

Material efficiency: so far only a placeholder. The steering committee gave the OK for a project of its own, but for medium-term implementation. Among other things, the project will clarify in which form this aspect will be included in GS 2.0.

Note:

bluesign: It is possible for a product to be bluesign but not GS, because, for example, it violates killer criteria or has a motif print that is not water-based or sublimation.

When calculating the area proportions of products manufactured in different sizes, the ratio for size M always applies. This means that if the model in M meets the minimum requirements, all other sizes are automatically Green Shape!

V4_Version January 2019

Green Shape 2.0

Please make sure to always name VAUDE Sport as author of this concept if you work with it or parts of it!

Guiding Principles:

1. Each product needs to fullfil all steps!

2. There are no longer separate levels: a product is either Green Shape or it isn't!

3. Living concept: new and environmentally friendly processes should be adopted after review; minimum requirements should be raised over time!

4. Differentiated consideration of the main product groups (apparel, backpacks, sleeping bags, tents, shoes), especially with regard to minimum requirements!

Preparation:

To avoid confusion in the future, we have precisely defined what we consider to be fabrics in Green Shape 2.0 and what we consider to be trims for each product group.

You can find this detailed list here!

Fabric

Base

Base requirement for fabrics
- signed VAUDE MRSL
- This is a test report of critical substances.
Killer criteria
- GMO (1)
- PVC
- PTFE
- chemical finish
- PFC-DWR
- allover print (non bluesign)
- chlorine and hypochlorite-containing bleaching agents
- nanotechnology

	Apparel	Sleeping Bags	Pads	Backpacks	Tents	Shoes
Minimum requirements (% of total product):	**90%**	**90%**	**90%**	**70%**	**60%**	**40%**
Fabric Supplier						
- bluesign Systempartner						
- STeP/Ökotex 1000						
- EMAS						
- made in JPN / made in DACH						
- ISO 14001						
- GOTS						
and			**or (4)**			
Certified Fabric						
- bluesign approved						
- Oekotex 100						
- made in green						
- GOTS						
- EU Eco Flower						
- Blauer Engel (European)						
- Leather Working Group Protocol						
or						
Minimum requirements (% "Eco" of individual fabrics):	**90%**	**60%**	**90%**	**50%**	**10%**	**30%**
Eco-Fabric						
- organic cotton						
- recycled materials (2)						
- hemp						
- TENCEL						
- chlorine free wool						
100% ecofriendly dyeing						
30% biobased						
100% compostable						

Trims

Base

Basic requirement for trims
- signed VAUDE MRSL
Killer criteria
- PFC-DWR (from W20)
- PVC
- nano technology
- GMO

	Apparel	Sleeping Bags	Pads	Backpacks	Tents	Shoes
Minimum requirements (% of total product):	**30%**	**30%**	**30%**	**30%**	**30%**	**30%**
1 criterion needs to be fulfilled						
- Supplier certification						
- bluesign Systempartner						
- STeP/Ökotex 1000						
- EMAS						
- made in JPN / DACH						
- ISO 14001						
- Trim criteria:						
- bluesign approved						
- Oekotex 100						
- organic cotton	**90%**	**90%**	**90%**	**90%**	**90%**	**90%**
- chlorine free wool	**90%**	**90%**	**90%**	**90%**	**90%**	**90%**
- TENCEL	**90%**	**90%**	**90%**	**90%**	**90%**	**90%**
- hemp	**90%**	**90%**	**90%**	**90%**	**90%**	**90%**
- natural materials	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
- eco-friendly dye	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
- recycled materials	**20%**	**20%**	**20%**	**20%**	**20%**	**20%**
- biopolymers	**30%**	**30%**	**30%**	**30%**	**30%**	**30%**

Manufac-turing

	Apparel	Sleeping Bags	Pads	Backpacks	Tents	Shoes
Needs to be fullfilled						
- motif prints						
- waterbased						
- sublimation						
- material efficiency	planned					

Use & Care

Product Care

	Apparel	Sleeping Bags	Pads	Backpacks	Tents	Shoes
Killer criteria						
- high impact care	can only be dry cleaned	can only be dry cleaned				
	must be washed at high temperature >30°C					
	requires tumble drying (except for reactivation of PWR and for down and Primaloft products)					

Notes:

(1) BIO-TPU (GMO-components): Accepted for Green Shape only for these shoe components (heel / toe cap) for these 4 models (TGK Skarvan, TKG Larvik, men's and women's for each) with transition period up to and including WI 20/21. Thereafter either the GMO components must be replaced by GMO-free TPU (with GMO-free certificate), or the Green Shape Label will not be extended.

(2) Apparel products with recycled wool from Pontetorto must reach a minimum of 30% to be Green Shape.

(3) Apparel products with recycled cotton from Pontetorto must reach a minimum of 30% to be Green Shape.

(4) pads manufacturers are ISO 14001 certified, which means that all Pads are Green Shape from S20. All materials comply general MRSL requirements of VAUDE.

Fabrics are defined in this list. Everything that is not a fabric is automatically considered a trim!

Apparel
All textile fabrics, such as woven, warp-and weft-knitted fabrics, which are identified as Main Fabric, Secondary Fabric or Lining

Sleeping Bags
All textile fabrics, such as woven, warp-and weft-knitted fabrics, which are identified as a Shell, Stuff Sack, Lining or Inner Pocket

Sleeping Bags
All textile fabrics, such as woven, warp-and weft-knitted fabrics, which are identified as Main Fabric, Contrast Fabric, Back Part, Mesh, Lining oder Rain Cover

Zelt
All textile fabrics, such as woven, warp-and weft-knitted fabrics, which are identified as a Floor, Fly und Mesh (for both outer and inner tents)

Shoes
All textile fabrics, such as woven, warp-and weft-knitted fabrics, which are identified as Outer Material, Mesh or Lining, and materials that is glued to the top of the insole

In this list trims are listed

Apparel
Zippers, (elastic) bands and strings, rivets, buttons, sliders, pullers, buckles, cords, Velcro fasteners, eyelets, fill, labels, sewing threads, yarns (embroidery)

Sleeping Bags
Zippers, (elastic) bands and strings, rivets, buttons, sliders, pullers, padding, fill, Velcro fasteners, eyelets, labels, sewing threads, yarns (embroidery

Backpacks
Zippers, (elastic) bands and strings, rivets, buttons, sliders, pullers, padding, fill, buckles, velcro fasteners, eyelets, labels, sewing threads, yarns (embroidery

Tents
Zippers, bands, strings, rivets, buttons, sliders, velcro fasteners, eyelets, labels

Shoes
Rivets, reinforcements, shoelaces, velcro, eyelets, labels

Out of scope, these components on the product are not considered for Green Shape

This list will be filled as soon as bluesign has published its "out of scope" list.

Apparel

Sleeping Bags

Backpacks

Tents

Shoes

Special Rule

Foams laminated with a fabric (flame laminated foams) are neither considered trim nor fabric, they are "out of scope".
If the product is to become Green Shape, a test report covering all points of the VAUDE RSL must be available for these laminated foams.

Goatskin leather from Gerecke Leder can also be used for Green Shape products without a 3rd party certificate.
Traceability and management of hazardous substances are classified as "Low Risk" by VAUDE, as Gerecke produces in Germany.

All prints that are applied over the entire width of the fabric are defined as all-over prints. These are used by VAUDE in apparel for trousers and jackets as well as for children's backpacks.
Exception the environmentally friendly inkjet process, water-based prints, bluesign approved rollerprints as well as 2.5 layer backprints and sublimation prints may continue to bear the Green Shape Label.
Note: Green Shape must also be a living concept in this respect, i.e. new and thus significantly more environmentally friendly processes can be included as exceptions after review by the CSR team!

Chlorine and hypochlorite-containing bleaching agents

Bleaching agents containing chlorine and hypochlorite are often used as a preparation process for dyeing. Chlorine is a lung poison, corrodes mucous membranes and the respiratory tract, especially the alveoli.
(only relevant for denim)

Eco Friendly Dyeing Processes (nominated dyeing processes)

Conventional piece dyed dyeing consumes an extreme amount of water - 100 -150 liters of water for 1 kg of fabric. In addition, environmentally harmful chemicals are often used. This means that most conventional dyeing processes are among the most environmentally damaging processes in textile production.
For Green Shape 2.0 we want to take this point into account: Since the conversion from conventional processes to new, more environment-friendly processes is usually very costly (new machinery, etc.), large-scale bans do not seem practicable to us so far. However, we would like to promote the use of environmentally friendly dyeing processes. Therefore the following regulation: All fabrics, which are dyed or completely undyed with one of the processes listed below, we count as "Eco-Fabric"!
Note: Color fastness (rapid fading, etc.) must be observed! This is also important in terms of longevity!

yarn dye / spin dye

see Vaude ecolor - spinning mass is already dyed

dyeCoo

piece dyeing without water
Info

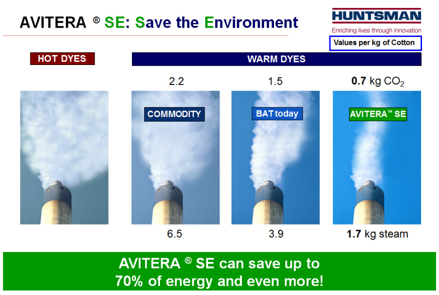
air dye

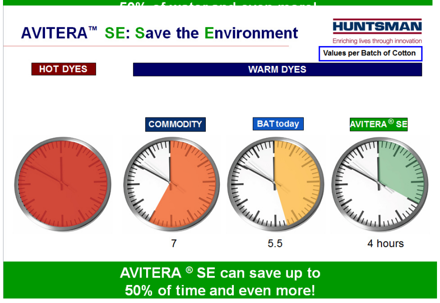
Color is applied in the gaseous state
http://en.wikipedia.org/wiki/AirDye

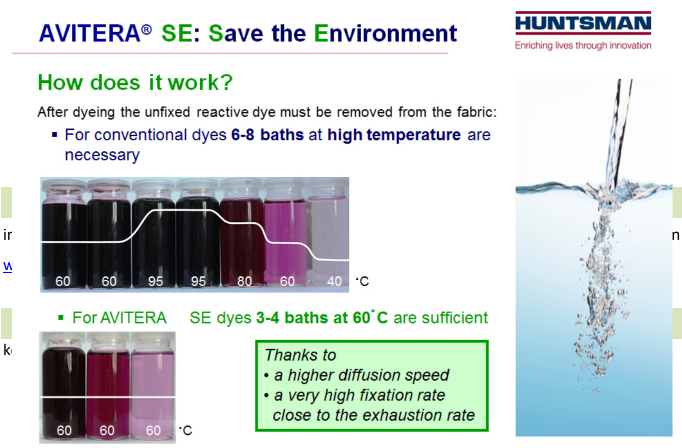
bluecompetence with DyStar)

Regulated dyeing process for cotton
http://www.innovationintextiles.com/monforts-blue-competence-trio/

Avitera with huntsman)







n unsere supply chain

Green Shape Trims

Biopolymers

Biopolymers are all types of plastics made from renewable raw materials (vegetable, animal, microorganisms).
The danger of genetic engineering is excluded by the exclusion criterion "genetic engineering".

Trims made from natural materials

Stone, tagua nut (vegetable ivory), recycled glass, wood, taguanu, cork, coconut, horn, mother-of-pearl