

# Circular Design Standard<sup>®</sup>

Version 6.0



Circular Inputs  
Design for Recyclability  
Design for Longevity  
Enable Circulation



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# About this Standard and Acknowledgements

The Circular Design Standard<sup>®</sup> (CDS) is an industry-developed standard for circular textile and apparel products. It is maintained by circular.fashion as Standard Holder, an independent organisation dedicated to enabling the circular transition in fashion through standards, capacity building, and the digital infrastructure to bring both into practice. The Standard is developed in close collaboration with a multidisciplinary **Governance Board** whose members represent the full circular textile value chain, including front-running brands, retailers, manufacturers, recyclers, sorters, customer representatives, legal and policy experts. The expertise and diverse industry perspectives that this Board contributes are central to translating the principles of circularity into concrete criteria that can be implemented in practice and verified by independent certification bodies.

The **Circular Design Standard<sup>®</sup>** provides designers, sourcing teams, certification bodies, and policy-makers with a shared, operational definition of what makes a textile product circular. It covers four pillars (Circular Inputs, Design for Recyclability, Design for Longevity, and Enable Circulation) and translates each into fibre- and product-specific requirements. Certification against the Standard is delivered through an **independent third-party process** on the **CDS Platform**, operated together with established verification and certification bodies. The digital and data-driven process makes circular design measurable, verifiable, and scalable across entire portfolios.

Version 6.0 was released in May 2026 and forms the foundation for **CDS Certification**. Earlier versions, applicable since 2020 under the name Circular Design Criteria, have been used to verify hundreds of textile products and remain valid throughout the transition to Version 6.0.

circular.fashion gratefully acknowledges the continued contribution of the **Governance Board** and the **Extended Advisory Network** to the development and refinement of the Standard. We equally thank the committed brands, retailers, manufacturers, and certification bodies who put the Standard into practice, and whose implementation experience continually sharpens its criteria. We also acknowledge our policy partners and research collaborators driving innovation in the field, with whom we share the purpose of giving the principles of circularity an operational, progressive, and harmonised shape across the industry.

# Introduction

## Aim and Vision

The Circular Design Standard<sup>®</sup> (CDS) defines what it means, in concrete and verifiable terms, for a textile or apparel product to be made with safe, recycled and/or renewable inputs, designed to optimise recyclability and longevity (based on physical durability, repairability, and aesthetic and emotional durability), and embedded into the systems that enable circulation at its highest value.

The Standard envisions a textile and fashion industry in which products are designed holistically for reuse, regeneration, and recyclability; are kept in circulation at their highest value; in order to contribute to reducing environmental impact at scale. By making circular design verifiable and comparable, the CDS supports the industry's transition from generic principles to measurable practice, and provides consumers with a credible basis for informed purchasing decisions.

The Standard offers brands a clear pathway to **compliance and beyond**: aligning with and contributing to current and evolving EU regulation, while enabling differentiation through verified, enhanced circularity.

## Standard Development and Governance

Circular Design Standard<sup>®</sup> is the result of more than six years of cross-industry collaboration. Its first version was applied by circular.fashion in **2020** and has since gone through successive revisions, each one shaped by what was learned from verifying hundreds of products together with industry partners and from working alongside more than **400 companies** and over **3,000 trained professionals** worldwide.

This iterative, practical development is what distinguishes the CDS. Each criterion has been tested against the **operational realities** of design, sourcing, production, sorting and recycling requirements, and refined to sharpen the standard towards its purpose: to be effective, impactful, practically implementable, auditable, and **scalable**. Earlier versions of the standard have been applied at significant scale in standard users' assortments, with leading users certifying around 10 percent of their portfolios and setting targets to reach more than 50 percent certified by 2030. This shows that the Standard works not only at the level of single hero products or collections, but as a step-by-step pathway towards holistic circularity, first at the level of a brand's assortment, and ultimately across the entire business.

The CDS is governed by a multi-stakeholder **Governance Board** representing the full circular textile value chain, including brands and retailers, manufacturers, recyclers, sorters, customer representatives, legal and policy experts. The Board oversees the development, revision, and continuous improvement of the standard. An **Extended Advisory Network** broadens this base with sector-specific expertise.

Revisions are prepared through consultation periods, and are accompanied by changelog documents at each release. Over the past years, the standard has been revised at a higher frequency, as a deliberate response to the pace of innovation in materials and recycling, and to the speed at which the **European regulatory landscape** has been forming. Future revisions are anticipated to settle into a longer rhythm, while continuing to evolve closely alongside relevant regulation. Feedback and proposals can be submitted at any time to [standard@cds-certified.org](mailto:standard@cds-certified.org).

# Filling the Gap from Principles to Practice

## Contribution to Evolving Policy

EU policy around sustainability and circularity is evolving rapidly. The Ecodesign for Sustainable Products Regulation (ESPR) with the Digital Product Passport (DPP), the Waste Framework Directive together with Extended Producer Responsibility (EPR) eco-modulation, and the Empowering Consumers Directive (EmpCo) all expect textile products to be more circular by design, and to demonstrate their sustainable performance credibly.

Policy research and EU consultations in recent years have identified a recurring gap. Principles such as recyclability, durability, and repairability were not yet defined at the level of **operational specificity** needed to be measured, reported, audited, labelled, and trusted across companies and product groups.

Version 6.0 of the Circular Design Standard<sup>®</sup> addresses this gap directly. Across four pillars, more than **400 fibre- and product-specific criteria** translate the principles of a circular economy, and those expressed in EU regulation, into requirements that brands can act on, certification bodies can audit, and policymakers can draw on as they give operational shape to evolving rules.

circular.fashion continually contributes this practice-based foundation to **EU policy development** and fosters harmonisation through engagement in a variety of projects, committees, and consultations.

# Scope and Structure

## Four Pillars of Circular Design

The CDS applies to textile and apparel products. With Version 6.0, certification is available for apparel. Further product categories are in active development for subsequent releases.

The Standard is structured around four pillars of circular product design:

- **Pillar 1, Circular Inputs:** safe, recycled and/or renewable materials.
- **Pillar 2, Design for Recyclability:** enabling high-value fibre-to-fibre recycling through compatible fibre compositions and minimised disruptors.
- **Pillar 3, Design for Longevity:** ensuring physical durability, repairability, and extended or increased use.
- **Pillar 4, Enable Circulation:** embedding products into circular systems through data, customer engagement, and infrastructure for reuse, take-back, repair, sorting, and recycling.

Within each **Pillar**, requirements are organised into **Strategies, Sub-strategies**, and individual **Criteria**. Criteria are differentiated by fibre type, product type, and construction method, ensuring applicability across the diverse realities of textile production. A holistic certification pathway requires compliance with all four pillars; targeted pathways covering specific aspects, such as recyclability or longevity, are under development.

The full set of criteria is additionally accessible through the **CDS Platform**, which supports the digital certification process. On the platform, the system automatically displays only the criteria applicable to a given product's fibre, type, and construction method, so brands and certifiers always work with a precise, contextual view of the standard.

## Certification Process

The CDS is the requirements foundation for the CDS Certification system, an independent third-party certification scheme delivered through the digital **CDS Platform** and operated together with established Verification and **Certification Bodies**. The certification process is digital and integrates with brands' PLM systems and Digital Product Passport (DPP) requirements, with an impact-linked cost structure designed to be economically viable and scalable across portfolios.

The result of certification is more than a certificate and recognition through the visual seal. Certification produces verified product data for a **Digital Product Passport (DPP)** that brands can implement on their products and online stores, share with retail partners and their wider circular ecosystem for reuse, repair and recycling, and use to support consistent and substantiated consumer-facing claims. The same data also enables better decision-making in circular services such as resale and repair, and in sorting infrastructure for reuse and recycling, across the full circular value chain.

What follows in the next chapters is the substance of the standard: the criteria across the four pillars, and the validation requirements that determine compliance.

# How to Apply the Criteria

## Validation and Compliance Methodology

Each criterion is marked as either mandatory (all must be met) or selective (one or more must be met from a defined set). Within a Pillar, Strategy or Sub-strategy, you will see one of the following instructions:

- **Comply with all sections**, every criterion listed must be met.
- **Comply with one of the following**, choose any one criterion from the options provided.
- **Comply with X criteria from the following**, a defined minimum number from the options listed must be met.
- **Alternatively comply with [Sub-strategy]**, in some cases two Sub-strategies are offered as alternatives (for example, Open vs. Partner Recycling System in Pillar 2, or Repairability vs. Aesthetic & Emotional Durability in Pillar 3).

## Applicability

Not every criterion applies to every product. Each criteria section indicates which **fibre** types, **product** types, and/or **construction** methods it applies to, using icon keys and applicability tables. **Applicable Parts** and **Exempted Parts** indicate which components of the product are to be included in the calculation or validation for the respective pillar.

This document is to be read together with the three Annexes (Annex A, Standards Matrix; Annex B, Fibre Composition Matrix; Annex C, Quality & Durability Testing).

# Contents



## Pillar 1 — Circular Inputs

*The product is free from hazardous substances and made from certified recycled and/or renewable inputs.*

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1.1 Safe Inputs

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1.2 Recycled Inputs

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1.3 Renewable Inputs



## Pillar 2 — Design for Recyclability

*The product is designed to be recovered and recycled back into textiles at the end of its usable life, instead of being disposed of as waste.*

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2.1 Open Recycling System

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2.2 Partner Recycling System



## Pillar 3 — Design for Longevity

*The product is designed for a prolonged lifespan through optimised physical durability, combined with repairability and/or aesthetic & emotional durability.*

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3.1 Physical Durability

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3.2 Repairability

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3.3 Aesthetic & Emotional Durability



## Pillar 4 — Enable Circulation

*Embed products into systems that drive customer engagement, increase use, and enable closed-loop recycling, supported by data transparency.*

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4.1 Data for Circulation

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4.2 Customer Engagement

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4.3 System for Circulation



# Pillar 1 – Circular Inputs

- ✓ Free from hazardous substances
- ✓ Made from certified recycled and/or renewable inputs

1.1 <b>Safe inputs</b>			
<b>Virgin Textile Parts</b>	Suppliers of fabric and all related finishing processes (e.g washing, dyeing, printing) of virgin textile parts comply with a recognised MRSL or chemical safety standard.		
<b>Virgin Textile Parts Manmade Cellulosic Fibres (MMCF)</b>	Suppliers of fabric and all related finishing processes (e.g washing, dyeing, printing) of virgin textile parts comply with ZDHC MRSL.  Fibre producers additionally comply with a recognised standard for sustainable MMCF fibre production.		
<b>Recycled Textile Parts</b>	Suppliers of recycled textile parts (including MMCF) provide a Declaration of Conformity confirming the absence of chemicals of concern against a recognised RSL.		
<b>AND</b>			
1.2 <b>Recycled inputs</b>		1.3 <b>Renewable inputs</b>	
<b>Preferred Inputs</b>	The applicable parts of the product's fibre composition consist of at least 90% preferred inputs by weight (recycled and/or renewable), certified to a recognised standard.	<b>Preferred Inputs</b>	The applicable parts of the product's fibre composition consist of at least 90% preferred inputs by weight (renewable and/or recycled), certified to recognised standard.
<b>Recycled Content by Fibre Type</b>	Each fibre type must meet a minimum recycled content threshold (ranging from 20–100% depending on the fibre), certified to a recognised standard or a valid Feedstock Declaration.	<b>Renewable Content by Fibre Type</b>	Each virgin fibre type must be certified to a recognised standard for organic, in-conversion, regenerative organic, or sustainably managed sourcing.
<b>Filling</b>	The product contains no filling, or filling that is 100% recycled content, certified to a recognised standard.	<b>Filling</b>	The product contains no filling, or filling that is 100% renewable content, certified to a recognised standard.



# 1.1 Safe Inputs

✓ The product and its materials (including their production, and use by consumers) are free from hazardous substances by meeting and exceeding legal requirements

Applicable Parts	Exempted Parts
<ul style="list-style-type: none"> <li>• main fabric</li> <li>• ribbing</li> <li>• linings</li> <li>• interlinings</li> <li>• padding</li> <li>• fillings</li> </ul>	<ul style="list-style-type: none"> <li>• defined stretch-fibre trims</li> <li>• pocket lining</li> <li>• facings</li> <li>• interfacings / reinforcements</li> <li>• shoulder pads</li> <li>• tapes / bindings</li> <li>• velcro</li> <li>• cords / edgings</li> <li>• webbing pull strap</li> <li>• detachable fabric belt</li> <li>• defined embellishments</li> <li>• sewing thread</li> <li>• labels</li> <li>• non-textile-based/hard trims</li> </ul>

Comply with all sections

## 1.1.1 Virgin Textile Parts

- Cotton
- Linen
- Hemp
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

one is required

**Virgin Textile Parts**

Suppliers of fabric and all related finishing processes e.g. washing, dyeing and printing of applicable virgin textile parts comply with one or more of the following:

- ZDHC MRSL V3.1
- GOTS Version 8.0
- OEKO-TEX® ECO-PASSPORT
- OEKO-TEX® MADE IN GREEN
- bluesign® APPROVED chemical products and materials
- C2C Certified® Material Health Certificate V4.1, Silver level or higher



## 1.1.2 Virgin Textile Parts — Manmade Cellulosic Fibres (MMCF)

Modal

Acetate

Viscose

Lyocell

Comply with all sections

required

### Suppliers

- Suppliers of fabric and all related finishing processes e.g. washing, dyeing and printing of applicable virgin textiles parts comply with ZDHC MRSL V3.1

one is required

### Fibre Producers

- ZDHC MMCF Guidelines V3.0
- EU Ecolabel
- OEKO-TEX® MADE IN GREEN
- Canopy Hot Button 'Light Green' or 'Dark Green' Shirt Score, plus Canopy Sustainable Chemical Management Score of '8'
- EU Best Available Techniques (BAT) Reference Document (BREF)
- bluesign® Criteria for production sites V3.0

## 1.1.3 Recycled Textile Parts

Cotton

Linen

Hemp

Wool

Alpaca

Mohair

Cashmere

Silk

Polyester

Polyamide

one is required

### Recycled Textile Parts

Suppliers of recycled textile parts provide a Declaration of Conformity stating the absence of chemicals of concern according to a recognised RSL:

- AFIRM RSL Version 10
- bluesign® RSL Version 16



# 1.2 Recycled Inputs

✓ The product is made from inputs that have been recovered from high value waste streams and processed into recycled fibres for use in textiles again

Applicable Parts	Exempted Parts
<ul style="list-style-type: none"> <li>main fabric</li> <li>ribbing</li> <li>defined stretch-fibre trims</li> <li>linings</li> <li>interlinings</li> <li>sewn-in interfacings / reinforcements</li> <li>padding</li> <li>fillings</li> </ul>	<ul style="list-style-type: none"> <li>pocket lining</li> <li>facings</li> <li>adhesive interfacings / reinforcements</li> <li>shoulder pads</li> <li>tapes / bindings</li> <li>velcro</li> <li>cords / edgings</li> <li>webbing pull strap</li> <li>detachable fabric belt</li> <li>surface decoration</li> <li>sewing thread</li> <li>labels</li> <li>non-textile-based/hard trims</li> </ul>

Comply with all sections. Alternatively comply with Renewable Inputs

## 1.2.1 General Criteria

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

required

**General Criteria**

↻ The product's fibre composition consists of **≥ 90%** Preferred Inputs.



## 1.2.2 Recycled Content by Fibre Type

required

### Main Fibre

- The main-fibre portion of the product contains at least the minimum % of recycled fibre content shown in the table below, certified to a recognised standard, or proven by a Feedstock Declaration from the recycled fibre producer (where applicable).

	Modal	Acetate	Viscose	Lyocell	Cotton	Linen	Hemp	Wool	Alpaca	Mohair	Cashmere	Polyester	Polyamide	Silk
Minimum Recycled Share (%)	30%	30%	30%	30%	20%	20%	20%	30%	30%	30%	30%	50% / 90%*	40%	30%

\* **Polyester:** Either ≥90% recycled polyester content from open-loop input (e.g. recycled PET bottles) or from a combination of open-loop and ≤50% fibre-to-fibre input, **OR** ≥50% fibre-to-fibre input. For open-loop input, the Standard Applicant maintains an Action Plan (with required evidence in Pillar4) to phase out its usage and replace with recycled polyester content from closed-loop input (fibre-to-fibre) for at least the product type and/or material type of the Product under Certification.

Standard	Modal	Acetate	Viscose	Lyocell	Cotton	Linen	Hemp	Wool	Alpaca	Mohair	Cashmere	Polyester	Polyamide	Silk
RCS	●	●	●	●	●	●	●	●	●	●	●	●	●	●
GRS	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SCS-103	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SRCCS Recycled	●	●	●	●	—	—	—	—	—	—	—	—	—	—

required

### Additional Fibre

- Additional fibre counts towards the ≥90% Preferred Inputs threshold, certified to one of the recognised recycled or renewable content standards listed in Annex A – Standards Matrix, or proven by a Feedstock Declaration from the recycled fibre producer.



### 1.2.3 Recycled Feedstock Source

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

optional

#### Recycled Feedstock Source

- post-industrial textile waste
- pre-consumer textile waste
- post-consumer textile waste
- open-loop recycled fibres (e.g PET bottles)

### 1.2.4 Filling

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

Comply with one of the following sections

one is required

#### No Down or Feather

- The product contains no filling
- The product's filling consists of 100% recycled content of one type certified GRS, RCS or SCS-103 (physical segregation) or Feedstock Declaration, and does not contain any down or feathers.

required

#### Down or Feather

- The product's filling consists of 100% recycled down or feather certified GRS, RCS or SCS-103 (physical segregation). The use of down or feather is only permitted if the Partner Recycling System pathway in Pillar 2: Design for Recyclability is followed.



# 1.3 Renewable Inputs

✓ The product is made from inputs (usually plant or animal biomass) that can be continuously renewed at an equal or faster rate than their depletion, using sustainable practices such as organic and regenerative farming

Applicable Parts	Exempted Parts
<ul style="list-style-type: none"> <li>main fabric</li> <li>ribbing</li> <li>defined stretch-fibre trims</li> <li>linings</li> <li>interlinings</li> <li>sewn-in interfacings / reinforcements</li> <li>padding</li> <li>fillings</li> </ul>	<ul style="list-style-type: none"> <li>pocket lining</li> <li>facings</li> <li>adhesive interfacings / reinforcements</li> <li>shoulder pads</li> <li>tapes / bindings</li> <li>velcro</li> <li>cords / edgings</li> <li>webbing pull strap</li> <li>detachable fabric belt</li> <li>surface decoration</li> <li>sewing thread</li> <li>labels</li> <li>non-textile-based/hard trims</li> </ul>

Comply with all sections. Alternatively comply with Recycled Inputs

## 1.3.1 General

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

required

### General

↻ The product's fibre composition consists of **≥ 90%** Preferred Inputs.

## 1.3.2 Renewable Content by Fibre Type

required

### Main Fibre

↻ The main-fibre portion of the product is certified to a recognised renewable content standard.

Standard	Modal	Acetate	Viscose	Lyocell	Cotton	Linen	Hemp	Wool	Alpaca	Mohair	Cashmere	Polyester	Polyamide	Silk
GOTS Organic	—	—	—	—	●	●	●	●	●	●	●	—	—	●
GOTS Organic In-conversion	—	—	—	—	●	●	●	●	●	●	●	—	—	—
GOTS Made with Organic Materials	—	—	—	—	●	●	●	●	●	●	●	—	—	●
GOTS Made with Organic In-conversion Materials	—	—	—	—	●	●	●	●	●	●	●	—	—	—
OCS 100	—	—	—	—	●	●	●	—	—	—	—	—	—	—
OCS In-Conversion	—	—	—	—	●	●	●	—	—	—	—	—	—	—



Standard	Modal	Acetate	Viscose	Lycocell	Cotton	Linen	Hemp	Wool	Alpaca	Mohair	Cashmere	Polyester	Polyamide	Silk
OCS Blended	—	—	—	—	●	●	●	—	—	—	—	—	—	—
OCS Blended In-Conversion	—	—	—	—	●	●	●	—	—	—	—	—	—	—
Regenerative Organic Certified®	—	—	—	—	●	●	●	●	●	●	●	—	—	—
Made with Regenerative Organic Certified®	—	—	—	—	●	●	●	●	●	●	●	—	—	—
OEKO-TEX® ORGANIC COTTON	—	—	—	—	●	—	—	—	—	—	—	—	—	—
OEKO-TEX® ORGANIC COTTON Blended	—	—	—	—	●	—	—	—	—	—	—	—	—	—
CmiA Organic HIP	—	—	—	—	●	—	—	—	—	—	—	—	—	—
RSB	—	—	—	—	—	—	—	—	—	—	—	●	●	—
UL 9798 - Bio-based Content Validation	—	—	—	—	—	—	—	—	—	—	—	●	●	—
REDCert <sup>2</sup>	—	—	—	—	—	—	—	—	—	—	—	●	●	—
ISCC+	—	—	—	—	—	—	—	—	—	—	—	●	●	—
Canopy Hot Button "Light Green" Score	●	●	●	●	—	—	—	—	—	—	—	—	—	—
Canopy Hot Button "Dark Green" Score	●	●	●	●	—	—	—	—	—	—	—	—	—	—
FSC® chain of custody	●	●	●	●	—	—	—	—	—	—	—	—	—	—
SRCCS Renewable	●	●	●	●	—	—	—	—	—	—	—	—	—	—
RWS	—	—	—	—	—	—	—	●	—	—	—	—	—	—
ZQ	—	—	—	—	—	—	—	●	—	—	—	—	—	—
ZQRX	—	—	—	—	—	—	—	●	—	—	—	—	—	—
Good Cashmere Standard®	—	—	—	—	—	—	—	—	—	—	●	—	—	—
RMS	—	—	—	—	—	—	—	—	—	●	—	—	—	—
RAS	—	—	—	—	—	—	—	—	●	—	—	—	—	—

**Chain-of-custody:** For RSB, UL 9798, REDCert<sup>2</sup> and ISCC+, main-fibre certification requires *physical segregation / identity preservation*; additional-fibre certification accepts *mass balance*.

required

### Additional Fibre

- ➡ Additional fibre counts towards the ≥90% Preferred Inputs threshold, certified to one of the recognised recycled or renewable content standards listed in Annex A – Standards Matrix, or proven by a Feedstock Declaration from the recycled fibre producer.



### 1.3.3 Filling

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

Comply with one of the following sections

one is required

#### No Down or Feather

- The product contains no filling.
- The product's filling consists of 100% renewable content made of non-animal-based certified alternatives according to a recognised standard.
- The product's filling consists of 100% renewable filling certified RWS or RMS.

required

#### Down or Feather

- The product's filling consists of 100% renewable content certified RDS or DOWNPASS. The use of down or feather is only permitted if the Partner Recycling System pathway in Pillar 2: Design for Recyclability is followed.



# Pillar 2 – Design for Recyclability

✓ The product is designed for material recovery at end of life through either an open or a partner recycling system.

<p>2.1 <b>Open Recycling System</b></p>	
<p><b>Material Composition</b></p>	<p>The product's material composition:</p> <ul style="list-style-type: none"> <li>• Consists of two or fewer fibre types, one of which is the main fibre.</li> <li>• Meets fibre-specific requirements for the main fibre, and blending with other fibres including stretch fibres (where applicable).</li> <li>• Contains no metallic fibres.</li> </ul>
<p><b>Surface Decoration &amp; Adhesive Interfacings / Reinforcements</b></p>	<ul style="list-style-type: none"> <li>• Dye-based prints are prioritised. All other surface decorations are limited to max. two placements, together not exceeding 5% of the product's total surface area.</li> <li>• No special effect prints that shed fibres or flakes, or partially destroy the fabric.</li> <li>• No metal or glass-containing surface decoration, sequins or beads.</li> <li>• Adhesive interfacings are limited to essential functional areas, not exceeding 10% of the product's total surface area.</li> </ul>
<p><b>Finishings</b></p>	<p>The product does not feature coatings or lamination that cover the fabric surface.</p>
<p><b>Trims &amp; disruptors</b></p>	<p>The product contains:</p> <ul style="list-style-type: none"> <li>• No metallic fibres or particles in trims.</li> <li>• No electronic components (except passive DPP carriers).</li> <li>• Accepted non-textile-based/hard trims serve an essential functional purpose only, and kept to a minimum quantity.</li> <li>• Stretch fibres in textile-based trims (where applicable) do not exceed 5% by overall product weight, in combination with the material composition.</li> </ul>
<p><b>Filling</b></p>	<p>The product contains no filling, or filling is made from a single fibre type (where applicable).</p>
<p>OR</p>	
<p>2.2 <b>Partner Recycling System</b></p>	
<p><b>Recycling partnership compliance</b></p>	<p>The product meets the feedstock requirements of a specific, active recycling partnership covering take-back, sorting, pre-processing, and recycling. The partnership must also be approved under Pillar 4 (Enable Circulation: Post-consumer Recycling Partnership).</p>



# 2.1 Open Recycling System

✓ Products designed for an Open Recycling System are intended to flow through currently existing, publicly available collection, sorting, and recycling infrastructures. The required product criteria aim to optimise compatibility with the currently pre-dominant processes, capabilities and practices to produce recycled output of a quality suitable for use in new textile products

Applicable Parts	Exempted Parts
<ul style="list-style-type: none"> <li>• main fabric</li> <li>• ribbing</li> <li>• defined stretch-fibre trims</li> <li>• linings</li> </ul>	<ul style="list-style-type: none"> <li>• interlinings</li> <li>• sewn-in interfacings / reinforcements</li> <li>• padding</li> <li>• fillings</li> </ul>
	<ul style="list-style-type: none"> <li>• pocket lining</li> <li>• facings</li> <li>• adhesive interfacings / reinforcements</li> <li>• shoulder pads</li> <li>• tapes / bindings</li> <li>• velcro</li> <li>• cords / edgings</li> </ul>
	<ul style="list-style-type: none"> <li>• webbing pull strap</li> <li>• detachable fabric belt</li> <li>• surface decoration</li> <li>• sewing thread</li> <li>• labels</li> <li>• non-textile-based/hard trims</li> </ul>

Comply with all sections. Alternatively comply with Partner Recycling System

## 2.1.1 Material Composition

all are required

### Material Composition

- 🔄 The product's material composition consists of two or few fibre types (where applicable), one of which is the main fibre.
- 🔄 The product's material composition contains at least the minimum share for the main fibre.
- 🔄 The main fibre is blended with the maximum % of another permitted fibre (where applicable).
- 🔄 The product's material composition does not contain any metallic fibres.

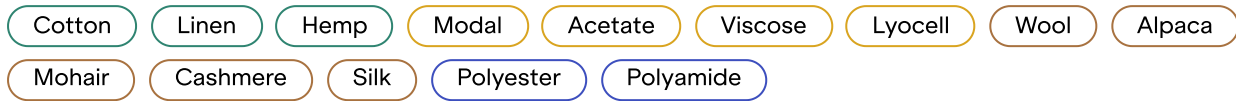


■ Minimum share for the **main fibre**    ■ Maximum share for the **secondary fibre**

Secondary → Main ↓	Max Types	Modal	Acetate	Viscose	Lyocell	Cotton	Linen	Hemp	Wool	Alpaca	Mohair	Cashmere	Polyester	Polyamide	Silk	Stretch Fibres
Modal	2	50%	50%	50%	50%	50%	50%	50%	10%	10%	10%	10%	10%	10%	10%	5%
Acetate	2	50%	50%	50%	50%	50%	50%	50%	10%	10%	10%	10%	10%	10%	10%	5%
Viscose	2	50%	50%	50%	50%	50%	50%	50%	10%	10%	10%	10%	10%	10%	10%	5%
Lyocell	2	50%	50%	50%	50%	50%	50%	50%	10%	10%	10%	10%	10%	10%	10%	5%
Cotton	2	10%	10%	10%	10%	90%	10%	10%	10%	10%	10%	10%	10%	—	10%	5%
Linen	2	10%	10%	10%	10%	10%	90%	10%	10%	10%	10%	10%	10%	—	10%	5%
Hemp	2	10%	10%	10%	10%	10%	10%	90%	10%	10%	10%	10%	10%	—	10%	5%
Wool	2	5%	5%	5%	5%	5%	—	—	95%	95%	95%	95%	5%	5%	—	—
Alpaca	2	5%	5%	5%	5%	5%	—	—	95%	95%	95%	95%	5%	5%	—	—
Mohair	2	5%	5%	5%	5%	5%	—	—	95%	95%	95%	95%	5%	5%	—	—
Cashmere	2	5%	5%	5%	5%	5%	—	—	95%	95%	95%	95%	5%	5%	—	—
Polyester	2	15%	15%	15%	15%	15%	15%	15%	10%	10%	10%	10%	85%	10%	10%	5%
Polyamide	1	—	—	—	—	—	—	—	—	—	—	—	—	100%	—	—
Silk	1	—	—	—	—	—	—	—	—	—	—	—	—	—	100%	—



## 2.1.2 Surface Decoration & Adhesive Reinforcements / Interfacings



The criteria apply to pigment-based prints (water or oil-based), heat-transfer prints/logos (e.g. adhesive film, silicone, rubber, vinyl), and non-/textile-based embellishments (e.g. embroidery, lace, appliqué, leather / jacron patch) including supporting adhesive reinforcements if applicable (e.g. stabiliser or backing), as well as adhesive interfacings used to support functional components (e.g. collar, cuffs, button placket, waistband etc.)

Comply with one of the following sections

one is required

### Simple Surface Decoration

- 🔄 The product does not feature surface decorations nor adhesive interfacings
- 🔄 The product features only dye-based prints, but no embellishments or adhesive interfacings.

all are required

### Complex Surface Decoration

- 🔄 The product features a maximum of two placement surface decorations, including any directly supporting adhesive reinforcement if applicable.  
The total visible product surface area covered by these parts does not exceed 5%, either demonstrated by own calculation or by complying with the maximum area defined for the product type.
- 🔄 The product only features adhesive interfacings in areas where it provides essential structural support for functional components.  
The total product surface area covered by adhesive interfacings does not exceed 10%, either demonstrated by own calculation or by complying with the maximum area defined for the product type.
- 🔄 The product does not feature special-effect prints/reflective prints that contain metal or glass (e.g foil, glitter, metallic or pearlescent inks), nor prints that could shed fibres or flakes (e.g flock, suede or puff effect), nor chemical processes that partially destroy the fabric (e.g devoré burn-out).
- 🔄 The product does not feature embellishments / special-effect embroidery techniques that contain metal or glass (e.g rhinestones, mylar).
- 🔄 The product does not feature sequins or beads.



### 2.1.3 Finishings

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

required

#### Finishings

- The product does not feature applications such as coatings or lamination (e.g PU, PVC, silicone, acrylic) that cover the fabric surface.

### 2.1.4 Trims & Other Disruptors

Comply with all sections

one is required

#### Textile-based Trims

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Polyester

- The product does not feature textile-based trims containing stretch fibres (e.g. elastic bands).
- The product features textile-based trims containing stretch fibres (e.g elastic bands). In combination with the material composition, the total content of these fibres does not exceed 5% by overall product weight. This does not apply to internal garment hanger loops which are exempt.

required

#### Textile-based Trims

- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyamide

- The product does not feature textile-based trims containing stretch fibres (e.g. elastic bands).



all are required

### Disruptors in Trims

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

- 🔄 The product does not feature trims containing any metallic fibres or particles (e.g tapes, piping, films) for aesthetic or functional purposes, such as reflective parts. This does not apply to accepted non-textile-based trims including metal buttons, zippers, rivets and eyelets.
- 🔄 The product does not feature electrical or electronic components.  
This does not apply to passive identification or information carriers (e.g. RFID, NFC) whose functions are Digital Product Passport purposes or to inform about traceability, sustainability and/or data to optimise circularity.

one is required

### Non-textile-based Trims / Hard Trims

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

- 🔄 The product does not feature non-textile-based/hard trims.
- 🔄 The product contains only non-textile-based/hard trims (e.g buttons, zipper, metal rivets and eyelets) that serve an essential functional purpose (e.g., to close the front panels or main pockets, or strengthen areas prone to tearing) and does not feature any purely decorative hard trims. The quantity of hard trims is kept to a minimum to reduce the proportion of non-textile parts relative to textile-based parts.

## 2.1.5 Filling

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

Filling counts towards the product material composition limit for the number of fibre types.

one is required

### Filling

Filling made from stretch fibre counts towards the product material composition which includes a maximum of 5% stretch fibre (where applicable). The weight of stretch fibre contained across filling, fabrics, and textile-based trims must be calculated and summed.

- 🔄 The product contains no filling.
- 🔄 The product contains filling made from a single fibre type (e.g polyester, or wool).



## 2.2 Partner Recycling System

✓ Products designed for a Partner Recycling System are developed to align with requirements of specific and active take-back, sorting, pre-processing and recycling partnerships, allowing tailored material and design choices optimized to the feedstock requirements for that dedicated recovery and recycling setup for producing high quality output able to be used in textiles again.

Comply with all sections. Alternatively comply with Open Recycling System

### 2.2.1 Recycling Partnership

- Cotton
- Linen
- Hemp
- Modal
- Acetate
- Viscose
- Lyocell
- Wool
- Alpaca
- Mohair
- Cashmere
- Silk
- Polyester
- Polyamide

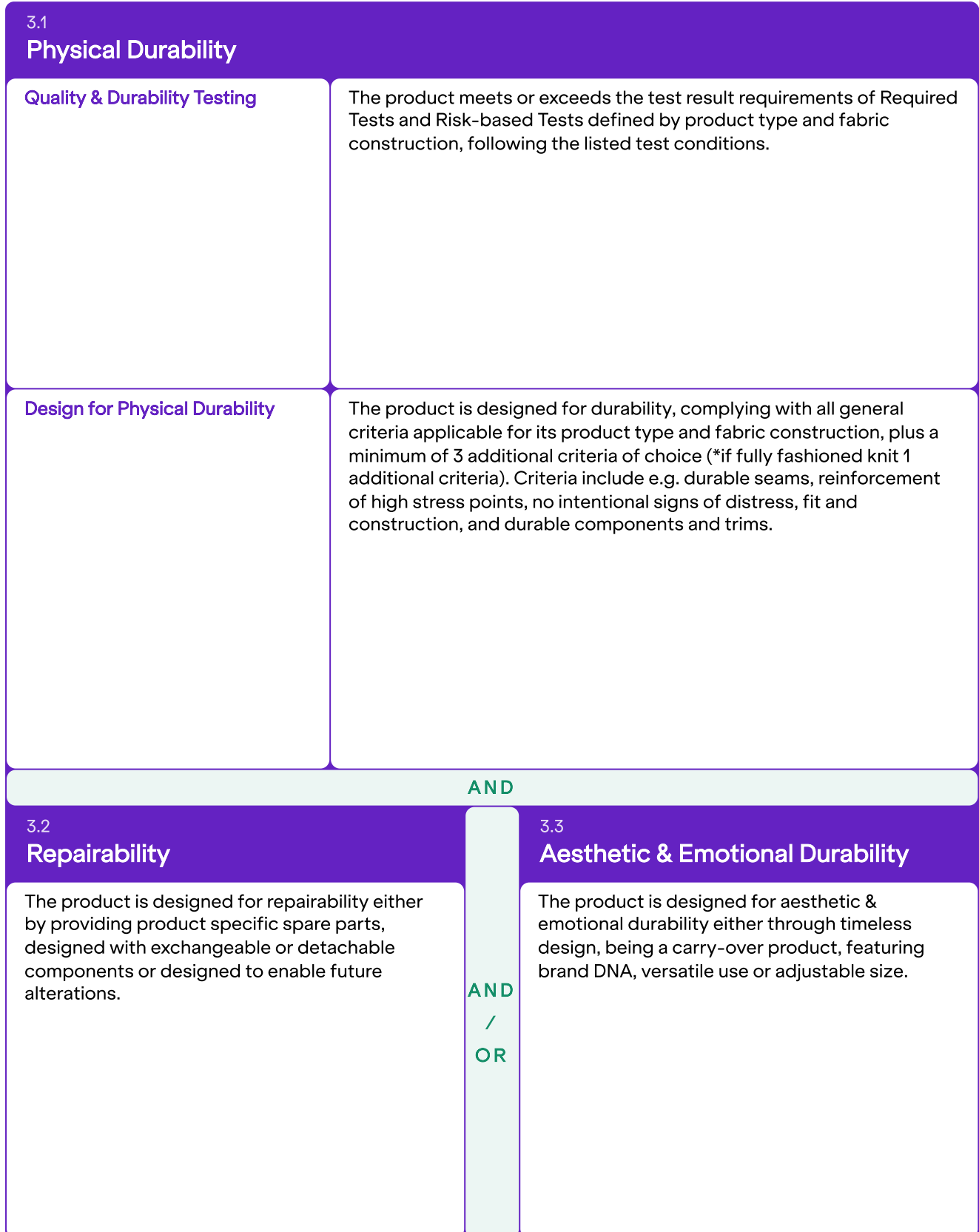
required

#### Recycling Partnership

🔄 The product complies with the recycler’s requirements that are enabled by the relevant processing partners within the established recycling partnership. The Implementation or Action Plan for the Recycling Partnership requires approval according to the criteria in Pillar 4 - Enabling Circulation **Post-consumer Recycling Partnership**.

# Pillar 3 – Design for Longevity

✓ The product is designed for a prolonged lifespan through optimised physical durability, combined with repairability and/or aesthetic & emotional durability.





# 3.1 Physical Durability

✓ Entails the product to be made to last in function and performance.

Comply with all sections and either Repairability or Aesthetic & Emotional Durability

## 3.1.1 Quality & Durability Testing

required

### Quality & Durability Testing

∞ The applicable criteria for Quality & Durability Testing is defined by the specific fabric construction and product type being certified. Tests shall follow the listed standard (e.g. ISO) and test conditions, and meet or exceed the listed test result requirements, located in Annex C.

Required Tests	
Dimensional stability after washing and drying	ISO 6330 / ISO 5077
Determination of spirality after laundering	ISO 16322-2 (or 3)
Method for assessing appearance of apparel and other textile end products after domestic washing and drying	ISO 15487

Risk-based tests	
Colour fastness to domestic and commercial laundering	ISO 105-C06
Colour fastness to rubbing (wet/dry)	ISO 105-X12
Colour fastness to artificial light	ISO 105-B02
Colour fastness to perspiration	ISO 105-E04
Determination of the elasticity of fabrics	ISO 20932-1
Determination of the abrasion resistance of fabrics by the Martindale method	ISO 12947-2
Tear properties of fabrics	ISO 13937-1 (or 2)
Bursting properties of fabrics	ISO 13938-1 (or 2)
Determination of fabric propensity to surface pilling, fuzzing or matting	ISO 12945-1 (or 2)
Test method for snagging resistance of fabrics (Mace)	ASTM D3939
Determination of the slippage resistance of yarns at a seam in woven fabrics	ISO 13936-1 (or 2)
Water Repellency Spray Test Method	ISO 4920
Water Proofness	ISO 811

### 3.1.2 Design Strategies for Physical Durability

PRODUCT TYPE	CONSTRUCTION	USE CASE
Dresses, Skirts & Jumpsuits	Cut & Sewn Knit	Non-Sport
Jackets & Coats	Denim	Sport
Leggings & Tights	Fully Fashioned Knit	
Pants & Shorts	Woven	
Shirts & Blouses		
Sweaters & Midlayers		
T-shirts		

The criteria are applicable by product type and fabric construction (see icons), with options allowing flexibility for the design and product development team to select the most suitable criteria for the specific product and intended use case.

Comply with all sections
required, if fully fashion knit

#### Fully Fashioned Knit

∞ The product is fully fashioned knit, and linking is elastic in all seams to provide flexibility in use and washing. Linking yarn is long enough and secured at the end of linking seam

all are required

### General Criteria

- ∞ The product's seams, stitch types, thread strength, tension, and elasticity are compatible with the materials used and the expected wear areas, and are secured accordingly.



End-to-end seams (e.g. side seams) are secured with a single back-and-forth stitch or are overstitched with an additional seam. Circular seams (e.g. necklines, armholes, hems) are secured with an overlap or a back-and-forth stitch. On a sports product and product with water-/windproof properties bonded seams and seam-sealing tapes may instead be applied, with ends safely secured.

- ∞ The product features seams constructed to ensure elasticity and prevent fraying, using ie. overlock, coverlock, coverstitch, or flatlock techniques.



On a sport's product and product with water-/windproof properties, bonded seams and seam-sealing tapes may instead be applied, with ends safely secured.

- ∞ The product features seams constructed to enclose seam allowance and avoid frayed edges using ie. french seam, overlock, flatlock, flat felled, cup seams. Alternatively bound seam, bias binding or lining covers seam allowance.



On a sport's product and product with water-/windproof properties, bonded seams and seam-sealing tapes may instead be applied, with ends safely secured.

- ∞ The product's primary high-stress areas are identified and reinforced providing stability and distributing tension with reinforced stitching, textile reinforcement or backing, i.e. at openings, component attachment or areas prone to wear and tear. Bartack stitch is not applied where there is a risk of fabric perforation.



- ∞ The product does not include intentional distressing, such as mechanical or chemical finishing processes, that abrade the fabric's surface or reduces material durability.



- ∞ The product's denim material is not treated with prohibited chemicals or processes for washed effects including: Stone finishing, Potassium permanganate (PP), Sand blasting, Electroplating.




Comply with three single criteria within the following four sections

If fully fashion knit, comply with one single criteria within the following four sections

### Seams

- ∞ The product features topstitch to stabilise seams at primary high stress areas.


- ∞ The product's front and back rise seams are reinforced with topstitching, double topstitching, or concealed stitching within the seam shadow to strengthen and stabilise the seam.


- ∞ The product's hems are finished with cover stitch, chain stitch, elastic ribbing or elastic tape.



- ∞ The product's hem is finished to enclose raw edges, with e.g. double fold seam, bound hem, hem facing or bias tape.



- ∞ The product only features blind hem if the material or functionality requires it (e.g. tailored trousers), as this is not a durable seam. If this is selected, it is also recommended to design for 'Alterations' (See Repairability).





### Reinforcements


- ∞ The product's neckline features topstitching to stabilise seam after washing.


- ∞ The product features tape inside shoulder seam, to stabilise shoulder seam and prevent stretching. This is recommended for loose knit jerseys.


- ∞ The product features bartack stitching to reinforce assembly at high stress areas, e.g. inside shoulder seam, thumbhole, inside cuff, hem.


- ∞ The product features neck tape to stabilise neckline and prevent stretching.


- ∞ The product features back pockets and the pocket bag is attached to waistband to stabilise pocket opening.



## Components & Trims

- ∞ The product features components and fastenings that are selected to be compatible with fabric weight, construction and properties in weight and material, to reduce risk of fabric tear in use and washing.



Light and open structure materials should not feature heavy components. This includes patch pockets, logo etiquettes or even well-intended reinforcements. Exceptions are made if a pull and tear test from a sample during product development is conducted.

- ∞ The product features button loops and durable techniques are used, i.e self-fabric with reinforced stitching instead of delicate crochet button loops.



- ∞ Product features buttons which are sewn on, stable, and durable using sling stitch with small distance between fabric and button, and yarn wound 3-5 times around the spacing between fabric and button. Attachment of yarn is safely secured.



- ∞ The product features buttons which are secured with a small counter button on the backside to reduce stress.



- ∞ The product features buttons and the attachment is reinforced with backing.



- ∞ The product features buttons or a zipper and opening is reinforced with knitted placket, grosgrain tape or similar to prevent distortion and pull.



- ∞ The product features a zipper, which is selected to be compatible with fabric weight, properties and functionality, to not damage the fabric. E.g., heavy metal zipper is not used on light fabrics, zipper is not used on long hairy fibres.



- ∞ The product features a zipper which is covered by fabric flap or self-fabric, to protect and reinforce the zipper.



- ∞ The product features a zipper which is secured at the top to reduce stress on the zip e.g. with a button or hook & eye.



- ∞ The product's labels are attached in the seam to prevent tearing and holes in fabric. This includes neck label, carelabel etc.



- ∞ Product features belt loops that are well-secured with reinforced stitching.



### Fit & Construction

- ∞ The product's size set is developed and fitted on at least two sizes e.g. S & XL to test dimensions and grading.



This is highly recommended on volume orders, carry-overs and never-out-of-stock products.

- ∞ The product is true to size, and pre-shrinking techniques have been applied to the finished garment to maintain its shape and fit after repeated washing and wear, minimising future shrinkage and twisting under domestic conditions, following the care label instructions.



- ∞ The product has limited or no elasticity (i.e no stretch fibre or mechanical/knitted stretch), is fitted true-to-size with no minus allowance in pattern cutting, or with a loose fit thus avoiding bursting.



- ∞ The product is constructed with a wedge or pleat for volume in areas that require place for movement and comfort, e.g., at underarm area.



- ∞ The product is constructed with a wedge or pleat for volume in areas that require place for movement and comfort, e.g., at crotch.



- ∞ The product is constructed with a wedge or pleat for volume in areas that require place for movement and comfort, e.g., at underarm area, crotch etc.



## 3.2 Repairability

- ✓ Entails consideration in the product's design to facilitate future repair and alterations.

Comply with one of the following sections, or with Aesthetic & Emotional Durability

### 3.2.1 Spare parts

#### Spare parts

- ∞ The product features product-specific spare parts to facilitate future repairs (min. one). The spare parts are available for at least one year after approval of the implementation for certification in at least one physical store or one market of the virtual point of sales, or at the product at point of sale.

### 3.2.2 Replaceable Components

#### Replaceable Components

- ∞ The product is designed with exchangeable and/or detachable components that wear out first, to upgrade the product and ease repair without affecting the overall integrity of the piece, e.g. replaceable lining, collar, hoodie etc.

### 3.2.3 Alterations

#### Alterations

- ∞ The product is designed to enable future alterations by adjusting width and/or length, i.e. +/- one numeric size or seam allowance of min. 1.5-3 cm on construction lines affecting the size e.g. at centre back, side seams, hem lines.

## 3.3 Aesthetic & Emotional Durability

✓ Entails design of a product that maintains aesthetic relevance and emotional attachment over time.

Comply with one of the following sections, or with Repairability

### 3.3.1 Timeless Design

three of this section

#### Timeless Design

The product is designed to outlast trends and maintain its visual appeal and style over time, to extend the lifespan of the product in its initial use and/or via recommerce.

- ∞ A design that is easy to match with other products, style across seasons and/or multiple occasions
- ∞ All certified colour-ways are in a neutral or muted colour palette (e.g. black, white, cream, beige, taupe, brown, grey, charcoal, dark green, navy blue, light blue)
- ∞ Classic and well-proportioned cuts/silhouettes
- ∞ Comfortable and good fit allowing movement for the intended purpose
- ∞ Comfortable and durable materials
- ∞ Iconic features that reference fashion history

### 3.3.2 Carry-Over Product

one of this section

#### Carry-Over Product

- ∞ The product is part of the core assortment, is carried over multiple seasons, or "never-out-of-stock". It is designed to offer long-term wardrobe value for the customer, ensuring familiarity, ease of styling, and consistent availability.

### 3.3.3 Brand Signature

two of this section

#### Brand Signature

The product strongly reflects the brand's aesthetic which is consistent and clearly recognisable across multiple seasons and collections, to enable customer loyalty and brand heritage.

- ∞ Brand signature cuts/silhouettes/fit
- ∞ Brand signature colour palette
- ∞ Brand signature prints/embellishments
- ∞ Brand signature fabrics (i.e self-developed fabrics)

### 3.3.4 Versatile Use

one of this section

#### Versatile Use

The product is designed to be versatile in use, easily adaptable for the user, allowing them to functionally or visually modify its appearance during use, e.g. through modular design, detachable/attachable elements or adaptable features:

- ∞ multi-functional (designed to perform two or more distinct function)
- ∞ transformable in function
- ∞ transformable in style (more than 1 way of styling, e.g reversible or adaptable for occasions/seasons)

### 3.3.5 Adjustable Size

one of this section

#### Adjustable Size

- ∞ The product is designed to be adjustable in size and dimensions, allowing it to accommodate different body types, life stages, or user preferences without compromising its wearability or function through strategic and adjustable fastenings and/or modular components, and/or expandable sections and/or fabric manipulation etc.

The adjustability entails flexibility of measurements equal to +/- one numeric size (approx. 4 cm), and shall be done by the customer without the need for professional services.



# Pillar 4 – Enable Circulation

✓ Embed products into systems that drive customer engagement, increase use, and enable closed-loop recycling, supported by data transparency.

Comply with two of the three Strategies

Comply with at least one Implementation and either one Action Plan or a second Implementation

<p>4.1 <b>Data for Circulation</b></p>	
<p><b>Value Chain Transparency</b></p>	<p>The Standard Applicant has an Action Plan or Implementation in place to publicly disclose value chain partners, accessible to customers at point of sale, for at least one product, covering Tiers 1–3 with a plan to extend to Tier 4 over time.</p>
<p><b>Digital Product Passport</b></p>	<p>The Standard Applicant has an Action Plan or Implementation in place to offer a DPP with a physically attached data carrier (QR Code / NFC / RFID), withstanding required care cycles and linking to a publicly accessible product site with data as defined in the circularity.ID V6.0 Dataset Standard or equivalent.</p>
<p><b>AND / OR</b></p>	
<p>4.2 <b>Customer Engagement</b></p>	
<p><b>Guidance for Product Care</b></p>	<p>Standard Applicant implemented guidance, going beyond the applicable legal requirements with product- or material-specific recommendations on e.g. resource-saving wash, dry or storage practices that prolong the product's functional and aesthetic durability.</p>
<p><b>Guidance for Product Circulation</b></p>	<p>The Standard Applicant has an Action Plan or Implementation in place to inform customers at the point of sale and throughout the use phase about reuse and repair for rewearable garments and recycling routes for non-rewearable garments, as well as take-back programmes.</p>
<p><b>AND / OR</b></p>	
<p>4.3 <b>System for Circulation</b></p>	
<p><b>Increase collection</b></p>	<p>The Standard Applicant has an Action Plan or Implementation in place for an own or partner take-back programme covering at least all own apparel in at least one market, accepting both rewearable and non-rewearable items and prioritising reuse over recycling.</p>
<p><b>Increase use</b></p>	<p>The Standard Applicant has an Action Plan or Implementation in place to offer at least one repair, recommerce or rental service to extend product use that is available in at least one market, with a plan to scale.</p>
<p><b>Increase recycling</b></p>	<p>The Standard Applicant has an Action Plan or Implementation in place to establish at least one recycling partnership encompassing post-industrial, pre-consumer or post-consumer waste, or a multi-season recycled fibre target or offtake agreement, or an Implementation for a fibre-to-fibre recycling partnership with Research and Development support (max. Technology Readiness Level 7 at initiation).</p>



# 4.1 Data for Circulation

- ✓ Establishes forward-looking systems for Value Chain Transparency and/or Digital Product Passports, aligned with emerging EU regulatory requirements and designed to go beyond minimum compliance.

Comply with this strategy and one more strategy. Alternatively comply with the two other strategies

To comply with this strategy, complete either one Action Plan or one Implementation.

## 4.1.1 Action Plan – Value Chain Transparency

all are required

### Action Plan – Value Chain Transparency

- The Standard Applicant provides a documented **Action Plan** to publicly disclose the value chain partners for at least one product, covering at least

**Tier 1** (Finished Product Manufacturing)

**Tier 2** (Material Manufacturing) and

**Tier 3** (Intermediate Material Processing).

The Action Plans follows the template prescribed by the Standard Holder and is accompanied by supporting evidence as specified in the template.

- The information about the value chain partners is available to the public and customers at the point of sale.

If product is sold in a retail store, information is made available for the customer on the product (e.g information, link or QR Code on hang tag, care label or equivalent medium)

If product is sold via a virtual point of sale, information is made available on the product detail pages either directly or through a link to the relevant information.

- The Action Plan defines an approach to **continous improvement**, aiming for public disclosure of product's value chain partners up to **Tier 4** (Raw material production and primary processing).

## 4.1.2 Action Plan – Digital Product Passport

all are required

### Action Plan – Digital Product Passport

- The Standard Applicant provides a documented **Action Plan** to offer a **Digital Product Passport** for at least **one product** with a data carrier.

The Action Plans follows the template prescribed by the Standard Owner and is accompanied by supporting evidence as specified in the template.

- The Standard Applicant specifies the **type, data, and function** for the Digital Product Passport.



### 4.1.3 Implementation – Value Chain Transparency

all are required

#### Implementation – Value Chain Transparency

- The Standard Applicant **publicly discloses the value chain partners** for the **Product under Certification**, covering at least

**Tier 1** (Finished Product Manufacturing),

**Tier 2** (Material Manufacturing) and

**Tier 3** (Intermediate Material Processing).

- The Implementation defines an approach to continuous improvement, aiming for public disclosure of product's value chain partners up to **Tier 4** (Raw material production and primary processing).

- The brand makes information about the product's value chain partners available to the public and customers at the point of sale.

If product is sold in a retail store, information is made available for the customer on the product (e.g information, link or QR Code on hang tag, care label or equivalent medium)

If product is sold via a virtual point of sale, information is made available on the product detail pages either directly or through a link to the relevant information.

### 4.1.4 Implementation – Digital Product Passport

Comply with either DPP for Transparency or DPP for Circularity

#### DPP for Transparency

- **Product under Certification** includes a data carrier, which is:

**Type:** QR code or NFC (ISO 14443 or ISO 15693) and easily visually recognizable by the user

**Data:** providing data according to the **circularity.ID V6.0 Transparency Dataset** or equivalent.

**Function:**

encoded to provide granularity on minimum batch level

and holds an URL that links to an open available product data website accessible to endconsumers









## DPP for Circularity

- **Product under Certification** includes a data carrier, which is
  - Type:** Either QR code and RFID or NFC (ISO 14443 or ISO 15693) and easily visually recognizable by the user
  - Data:** providing data according to the **circularity.ID V6.0 Circularity Data Set** or equivalent.
  - Function:**
    - encoded to provide granularity on model, batch or item level
    - and holds an URL that links to an open available product data website accessible to endconsumers
    - and optionally provides the data set in a machine readable format

all are required

## Data Carrier

- Data carrier is attached in such a way that
  - it is not disturbing the function or comfort of the product during use phase.
  - it cannot be easily removed by the user.
- Data carrier's function withstands recommended care instructions indicated on the care label.
- Data carrier's function withstands 60 washing cycles with the temperature as provided on care label if not exempted due to e.g. dry clean only 
- Data carrier's function withstands 40 washing cycles with the temperature as provided on care label if not exempted due to e.g. dry clean only   
- Data carrier's function withstands 15 washing cycles with the temperature as provided on care label if not exempted due to e.g. dry clean only 
- Data carrier's function withstands 30 washing cycles with the temperature as provided on care label if not exempted due to e.g. dry clean only 



## 4.2 Customer Engagement

- ✓ Enables informed decision-making for consumers on product circulation by providing clear and accessible guidance on product care, or repair/reuse, as well as appropriate end-of-use pathways for non-rewearable products.

Comply with this strategy and one more strategy. Alternatively comply with the two other strategies

To comply with this strategy, complete either one Action Plan or one Implementation.

### 4.2.1 Action Plan - Guidance for Product Circulation

The Standard Applicant provides a documented **Action Plan** demonstrating how customers are informed about **reuse** and/or **repair**, and appropriate **end-of-use** pathways for non-rewearable products. The Action Plans follows the template prescribed by the Standard Owner and is accompanied by supporting evidence as specified in the template.

all are required

#### Action Plan - Guidance for Product Circulation

The **Action Plan** aims to provide either **general guidance** for the company's products or **specific guidance** for the **Product type under Certification** and includes:

- communication channels used to inform customers at point of sale and throughout the use phase
- recommendations for solutions that enable reuse or repair of re-wearable garments
- guidance for customer in performing repair
- instructions for disposal of non-rewearable garments via collection systems linked to fibre-to-fibre recycling
- evidence that such collection systems are available in at least one market where the product is sold

### 4.2.2 Implementation - Guidance for Product Care

all are required

#### Implementation - Guidance for Product Care

The Standard Applicant provides documented extended care instructions for the users that:

- go beyond the legal requirements for the standard care label in relevant markets such as e.g., EU Textile Labeling Regulation
- are either specific to the **Product under Certification** or specific to the **material(s) and/or product type** of the Product under Certification
- aim to provide guidance on resource saving practices or guidance to prolong the product's functional or aesthetic durability



### 4.2.3 Implementation - Guidance for Product Circulation

all are required

#### Implementation - Guidance for Product Circulation

The Standard Applicant provides either **general Guidance** for the company's products or **specific Guidance** for the product type under certification and includes:

- communication channels used to inform customers at point of sale and throughout the use phase
- recommendations for solutions that enable reuse or repair of re-wearable garments
- guidance for customer in performing repair
- instructions for disposal of non-rewearable garments via collection systems linked to fibre recycling
- evidence that such Guidance is available in at least one market where the product is sold



## 4.3 System for Circulation

- ✓ Defines systems and activities to enable the circulation of textile products, including take-back systems, services to increase product use, and recycling partnerships.

Comply with this strategy and one more strategy. Alternatively comply with the two other strategies

To comply with this strategy, complete either one Action Plan or one Implementation.

### 4.3.1 Increase Collection

all are required

#### Action Plan - Take back

The Standard Applicant provides a documented **Action Plan** to implement an active **take-back service** through own capabilities or partnership.

The Action Plans follows the template prescribed by the Standard Owner and is accompanied by supporting evidence as specified in the template. It sets out how the service will be established to ensure that it:

- is easy for users to participate (e.g. by being free of charge or offering other clear benefits)
- covers at least **all own apparel textile products**
- is available in at least **one market** in where the Standard Applicant's products are sold
- provides guidance and channels for users to return both, **rewearable and non-rewearable** textiles
- ensures returned textiles are collected into streams, prioritizing reuse over recycling and enabling fibre recycling

all are required

#### Implementation - Take back

The Standard Applicant implemented an active take-back service or partnership that:

- is easy for users to participate (e.g. by being free of charge or offering other clear benefits)
- covers at least **all own apparel** textile products
- is available in **at least one market** in where the Standard Applicant's products are sold
- provides guidance and channels for users to return both, **rewearable and non-rewearable textiles** and
- ensures returned textiles are collected into streams prioritizing reuse over recycling and enabling fibre recycling
- The Standard Applicant provides documented evidence of a forward-looking approach to **expanding the service**, either within the existing market or into additional markets, including consideration of solutions or service providers with **targets** to increase the share of products directed to **higher-value reuse and/or fibre-to-fibre recycling technologies**.



## 4.3.2 Increase Use

all are required

### Action Plan - Increase Use

The Standard Applicant provides a documented Action Plan, that follows the template prescribed by the Standard Owner and is accompanied by supporting evidence as specified in the template.

It sets out how the service will be established to ensure that it:

- assesses the establishment of **either** a **repair** service, a **recommerce** service, or a **rental** service for **any product type**
- **maps** internal and external **capabilities** for the targeted service, evaluating their suitability against the brand **strategy** and defined targets to be implemented either in-house or through partnership(s)
- defines a service that is easily **accessible, convenient** and **sustainable** for all users in the chosen market
- The Standard Applicant provides documented evidence of a **forward-looking approach** aimed at **optimising** the initiative in the existing market or **expanding** into additional markets.



one of this section

## Implementation - Repair

- The Standard Applicant has an established **protocol for wearer trials** conducted either in-house, with customers, or at testing laboratories, that:
  - simulates actual use of wear and washing
  - aims to learn from product failures to increase product durability using a defined feedback loop to the relevant product development teams or roles
- The Standard Applicant maintains a **feedback loop** by collecting user insights from product returns related to quality-or defect, and/or repair service requests for the Standard Applicant's Products.
 

The feedback and insights are provided to relevant product development teams or roles, ensuring that insights from product failures are systematically used to enhance the durability and reparability of the **Standard Applicant's Products**.
- The Standard Applicant provides **repair services**, either through its own repair service or through a repair partner, for at least **either one** of its **physical** points of sale **or one** market of the **virtual point of sales**.
 

Repair services for product categories other than the Product under Certification are eligible
- The Standard Applicant provides customers with access to **repair kits** or **spare parts** on demand, either
  - specific to the **Product under Certification** or
  - specific to the **material(s) and/or product type** of the Product under Certification.

The resources are available for at least one year after approval of the implementation for certification in at least one physical store or one market of the virtual point of sales or on the product at point of sale.
- The Standard Applicant provides a **repair or exchange service** that goes **beyond the legal** minimum two-year legal **warranty** either in terms of longer duration and/or a more comprehensive scope (e.g. covering pre-defined defects).
 

The service shall be offered for the **Product under Certification** for at least one year after the product has been placed on the market and shall apply for a minimum duration of 2 years from the date of purchase for each product sold.

all are required

## Implementation - Recommerce & Rental

- The Standard Applicant offers users either a recommerce and/or rental service for any product type in at least one physical point of sale or one market of virtual points of sale.



### 4.3.3 Increase Recycling – Recycling Partnership

If the Product under Certification is intended to comply with **Pillar 2 – Design for Recyclability** via the **Partner Recycling System** pathway, the Standard Applicant needs additionally to comply with **Post Consumer- Recycling Partnership** in this Pillar 4 – Enable Circulation in order to provide a system that is able to collect and recycle the product at end of use.

- If the Standard Applicant complies with this strategy, no additional "Implementation" needs to be demonstrated to comply with Pillar 4 in general, only one **"Action Plan"** has to be fulfilled additionally.
- In such a case the **Post-Consumer – Recycling Partnership** or system needs to be capable of capturing and processing the specific Product under Certification with its materials and any other properties (i.e. the product needs to meet the feedstock requirements of the involved partners).

This sub-strategy can also be selected as a general pathway to comply with **Pillar 4 – Enable Circulation**, also if Products under Certification are complying in **Pillar 2** with the **Open Recycling System**.

one of this section

#### Action Plan — Recycling Partnership

The Standard Applicant's Action Plan includes a partnership system in order to increase recycling, either through

- partnerships enabling the post-industrial and/or pre-consumer textile recycling
- partnerships enabling the recycling of the post-consumer product at end of use
- a multi-season offtake agreement with a fibre-to-fibre recycler
- the integration of medium or long-term **targets**, covering a period beyond one year, to **increase** the volumes of **fibre-to-fibre recycled** materials in its product
- Standard Applicant maintains an Action Plan to phase out its usage of recycled polyester content from open-loop input (e.g recycled PET bottles) and replace with recycled polyester content from closed-loop input (fibre-to-fibre).

If the product contains recycled polyester content from open-loop input (e.g recycled PET bottles), it is mandatory to maintain such an Action Plan on company level or at least for the product type and/or material type of the Product under Certification.

all are required

#### Action Plan - Closed-Loop Input

- The Standard Applicant maintains an Action Plan to phase out its usage of recycled polyester content from open-loop input (e.g recycled PET bottles) and replace with input of recycled content from closed-loop input (fibre-to-fibre).



one of this section

## Implementation - R&D Recycling Partnership

- The Standard Applicant has at least one active fibre-to-fibre recycling partnership with a signed **multi-season offtake agreement** at time of approval for certification, guaranteeing that the Standard Applicant will integrate the recycled output produced by the fibre-to-fibre recycling partner into its production value chains.
- The Standard Applicant has established a partnership to support research and development in fibre-to-fibre recycling that contributes to **increasing the maturity of an innovative recycling technology**. Upon initiation of the support the technology has reached **a maximum Technology Readiness Level (TRL) of 7**. Research and development support should aim at **increasing** both **technological** and **commercial readiness**, as well as **scalability**. Support may include:
  - provision of textile materials for testing, piloting, or validation activities; or sufficient feedstock intake for scaling
  - collaboration on the definition, clarification, or optimisation of feedstock requirements necessary

all are required

## Implementation - Pre-Consumer / Post Industrial - Recycling Partnership

- The Standard Applicant has established a partnership for post-industrial and/or pre-consumer textiles of any material, involving relevant processing partners where needed (e.g. for collection, sorting, pre-processing, fibre-to-fibre recycling and spinning), creating the conditions for a closed-loop system.

This criteria mainly targets cutting waste from stages such as Cut Make Trim, as well as damaged goods.

In alignment with relevant applicable regulation and for the avoidance of doubt, this criteria does not apply and does not endorse the **recycling and destruction of unsold consumer products**.



all are required

## Implementation - Post Consumer - Partnership Recycling System

- The Standard Applicant has a system in place that **covers all** relevant value chain stages required to enable fibre recycling of the product.

Any individual stage (e.g. collection) may be operated through the Standard Applicant's **own capabilities or through external partners.**

The system shall be capable of producing recycled output of a **quality suitable for use in new textile products.**

Where the individual components of a Product under Certification are designed for the **Open Recycling System** but requires specific processing steps, such as the disassembly of components, the Standard Applicant is required to demonstrate solutions and/or partnerships only for those stages that are not typically covered by the Open Recycling System (e.g. collection, disassembly or pre-processing).

# Annex A – Standards Matrix

● Main and Additional Fibre   ● Only Additional Fibre

## Recycled Inputs – Recognised Standards

Standard	Modal	Acetate	Viscose	Lycell	Cotton	Linen	Hemp	Wool	Alpaca	Mohair	Cashmere	Polyester	Polyamide	Silk
GRS	●	●	●	●	●	●	●	●	●	●	●	●	●	●
RCS	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SCS-103	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SRCCS Recycled	●	●	●	●	—	—	—	—	—	—	—	—	—	—
Other*	●	●	●	●	●	●	●	●	●	●	●	●	●	●

## Renewable Inputs – Recognised Standards

Standard	Modal	Acetate	Viscose	Lycell	Cotton	Linen	Hemp	Wool	Alpaca	Mohair	Cashmere	Polyester	Polyamide	Silk
Canopy Hot Button "Dark Green" Score	●	●	●	●	—	—	—	—	—	—	—	—	—	—
Canopy Hot Button "Light Green" Score	●	●	●	●	—	—	—	—	—	—	—	—	—	—
CmiA Organic HIP	—	—	—	—	●	—	—	—	—	—	—	—	—	—
FSC® chain of custody	●	●	●	●	—	—	—	—	—	—	—	—	—	—
Good Cashmere Standard®	—	—	—	—	—	—	—	—	—	—	●	—	—	—
GOTS Made with Organic In-conversion Materials	—	—	—	—	●	●	●	●	●	●	●	—	—	—
GOTS Made with Organic Materials	—	—	—	—	●	●	●	●	●	●	●	—	—	●
GOTS Organic	—	—	—	—	●	●	●	●	●	●	●	—	—	●
GOTS Organic In-conversion	—	—	—	—	●	●	●	●	●	●	●	—	—	—
ISCC+	—	—	—	—	●	—	—	—	—	—	—	●	●	—
Made with Regenerative Organic Certified®	—	—	—	—	●	●	●	●	●	●	●	—	—	—
OCS 100	—	—	—	—	●	●	●	—	—	—	—	—	—	—
OCS Blended	—	—	—	—	●	●	●	—	—	—	—	—	—	—
OCS Blended In-Conversion	—	—	—	—	●	●	●	—	—	—	—	—	—	—
OCS In-Conversion	—	—	—	—	●	●	●	—	—	—	—	—	—	—
OEKO-TEX® ORGANIC COTTON	—	—	—	—	●	—	—	—	—	—	—	—	—	—
OEKO-TEX® ORGANIC COTTON Blended	—	—	—	—	●	—	—	—	—	—	—	—	—	—
RAS	—	—	—	—	—	—	—	—	●	—	—	—	—	—
REDcert²	—	—	—	—	—	—	—	—	—	—	—	●	●	—

## Annex A – Standards Matrix

● Main and Additional Fibre   ● Only Additional Fibre

Standard	Modal	Acetate	Viscose	Lycell	Cotton	Linen	Hemp	Wool	Alpaca	Mohair	Cashmere	Polyester	Polyamide	Silk
Regenerative Organic Certified®	—	—	—	—	●	●	●	●	●	●	●	—	—	—
RMS	—	—	—	—	—	—	—	—	—	●	—	—	—	—
RSB	—	—	—	—	—	—	—	—	—	—	—	●	●	—
RWS	—	—	—	—	—	—	—	●	—	—	—	—	—	—
SRCCS Renewable	●	●	●	●	—	—	—	—	—	—	—	—	—	—
UL 9798 - Bio-based Content Validation	—	—	—	—	—	—	—	—	—	—	—	●	●	—
ZQ	—	—	—	—	—	—	—	●	—	—	—	—	—	—
ZQRX	—	—	—	—	—	—	—	●	—	—	—	—	—	—
Better Cotton	—	—	—	—	●	—	—	—	—	—	—	—	—	—
Masters of FLAX FIBRE™	—	—	—	—	—	●	●	—	—	—	—	—	—	—
Other*	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PEFC chain of custody	●	●	●	●	—	—	—	—	—	—	—	—	—	—
USCTP	—	—	—	—	●	—	—	—	—	—	—	—	—	—

# Annex B – Fibre Composition Matrix

Cross-reference of blending rules: which secondary fibres can be combined with each main fibre, and at what maximum percentage.

  Minimum share for the **main fibre**      Maximum share for the **secondary fibre**

Secondary → Main ↓	Max Types	Modal	Acetate	Viscose	Lyocell	Cotton	Linen	Hemp	Wool	Alpaca	Mohair	Cashmere	Polyester	Polyamide	Silk	Stretch Fibres
Modal	2	50%	50%	50%	50%	50%	50%	50%	10%	10%	10%	10%	10%	10%	10%	5%
Acetate	2	50%	50%	50%	50%	50%	50%	50%	10%	10%	10%	10%	10%	10%	10%	5%
Viscose	2	50%	50%	50%	50%	50%	50%	50%	10%	10%	10%	10%	10%	10%	10%	5%
Lyocell	2	50%	50%	50%	50%	50%	50%	50%	10%	10%	10%	10%	10%	10%	10%	5%
Cotton	2	10%	10%	10%	10%	90%	10%	10%	10%	10%	10%	10%	10%	—	10%	5%
Linen	2	10%	10%	10%	10%	10%	90%	10%	10%	10%	10%	10%	10%	—	10%	5%
Hemp	2	10%	10%	10%	10%	10%	10%	90%	10%	10%	10%	10%	10%	—	10%	5%
Wool	2	5%	5%	5%	5%	5%	—	—	95%	95%	95%	95%	5%	5%	—	—
Alpaca	2	5%	5%	5%	5%	5%	—	—	95%	95%	95%	95%	5%	5%	—	—
Mohair	2	5%	5%	5%	5%	5%	—	—	95%	95%	95%	95%	5%	5%	—	—
Cashmere	2	5%	5%	5%	5%	5%	—	—	95%	95%	95%	95%	5%	5%	—	—
Polyester	2	15%	15%	15%	15%	15%	15%	15%	10%	10%	10%	10%	85%	10%	10%	5%
Polyamide	1	—	—	—	—	—	—	—	—	—	—	—	—	100%	—	—
Silk	1	—	—	—	—	—	—	—	—	—	—	—	—	—	100%	—

**NOTES**

- Cotton / NCF as main fibre:** Blending with NCF, MMCF, animal hair fibre, silk, or polyester may not exceed 10 % in total. Alternatively, up to 5 % stretch fibres are permitted. No metallic fibres allowed.
- MMCF – cellulosic blend:** Up to 50 % other cellulosic fibres (cotton, NCF, MMCF) are permitted as a combined blend. No metallic fibres allowed.
- MMCF – non-cellulosic blend:** Up to 10 % non-cellulosic fibres (polyamide, polyester, animal hair fibre, silk) permitted in total. Alternatively, max. 5 % stretch fibres. No metallic fibres allowed.
- Animal Hair Fibre as main fibre:** Up to 5 % polyamide, cotton, MMCF, or polyester as a combined blend. Silk, NCF, and stretch fibres are NOT permitted. No metallic fibres allowed.
- Polyester – cellulosic blend:** Up to 15 % cellulosic fibres (cotton, NCF, MMCF) are permitted as a combined blend. No metallic fibres allowed.
- Polyester – non-cellulosic blend:** Up to 10 % non-cellulosic fibres (polyamide, animal hair fibre, silk) permitted in total. Alternatively, max. 5 % stretch fibres. No metallic fibres allowed.

# Annex C – Quality & Durability Testing

## Applicability — Fabric Construction & Product Type

The applicable criteria for Quality & Durability Testing is defined by the specific fabric construction and product type being certified. Tests shall follow the listed standard (e.g. ISO) and test conditions, and meet or exceed the listed test result requirements.

## Required Quality Tests and Risk-based Quality Tests

**ISO 6330 / ISO 5077: Dimensional Stability**, **ISO 16322: Spirality** and **ISO 15487: Appearance after Washing** are Required Quality Tests.

All other tests depending on the product type and fabric construction are Risk-based Quality Tests, which enable a different provision of evidence and proofs.

## Tests Not Completed or Not Conducted

In cases where a test cannot be completed or conducted, a descriptive justification shall be provided to explain why the test is not applicable.

## Testing on Product Level or Fabric Level

**ISO 6330 / ISO 5077: Dimensional Stability** and **ISO 15487: Appearance After Washing** are tested on product level, evaluating the whole product (including the lining). Product level means that all the manufacturing stages have been completed (assembly, finishing, etc.). Testing on sales sample is allowed as long as no further processing occurs.

**ISO 16322: Spirality** is tested either on product level or fabric level.

Risk-based tests are on fabric level, unless otherwise stated in the ISO-standard or test conditions.

Conduct tests for minimum one colourway, either brightest or darkest color, or the colorway of the sales sample.

## Wash Cycles








**ISO 6330 / ISO 5077: Dimensional Stability**, **ISO 16322: Spirality** and **ISO 15487: Appearance after Washing** shall be conducted after a minimum of 5 wash cycles according to the care label. This applies to all products except denim products.

For denim products a minimum of 3 wash cycles applies.





If the product is dry-clean only, the test conditions for dry-clean shall be followed.

If the product is hand wash only, the test conditions for hand wash shall be followed.


### PRODUCT TYPE

-  Dresses, Skirts & Jumpsuits
-  Jackets & Coats
-  Leggings & Tights
-  Pants & Shorts
-  Shirts & Blouses
-  Sweaters & Midlayers
-  T-shirts

### CONSTRUCTION

-  Cut & Sewn Knit
-  Denim
-  Fully Fashioned Knit
-  Woven

### USE CASE

-  Non-Sport
-  Sport

## Required Tests

### ISO 6330 / ISO 5077: Dimensional stability after washing and drying

#### Test Conditions

This test shall be assessed on product level after a minimum of 5 wash cycles according to the care label.

For denim products a minimum of 3 wash cycles applies.

If the product is dry-clean only, the test conditions for dry-clean shall be followed.

If the product is hand wash only, the test conditions for hand wash shall be followed.

#### Domestic Wash Conditions (Wet Wash Method)

Follow the specific care instructions on the product's care label.

##### Machine Wash

- ∞ 5 cycles / Denim products min. 3 cycles
- ∞ Type A washing machine with detergent 3 (for products with very mild/delicate/hand wash symbol (such as products containing wool or silk), use detergent 7).
- ∞ Ballast: according to Standard
- ∞ Hand Wash: According to ISO wash programs

##### Line/Flat Dry

- ∞ After final wash
- ∞ Follow instructions per ISO 6330

##### Tumble Dry

- ∞ After each wash
- ∞ Type A1
- ∞ Ballast: according to Standard

##### Ironing

- ∞ After final drying
- ∞ Hand iron

#### Professional Cleaning Conditions (Dry Clean only)

##### Dry Clean



















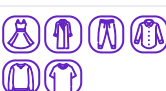











- ∞ 3 cycles
- ∞ Dry cleaning shall be conducted using the relevant dry cleaning ISO standard (ISO 3175-2 to 3175-4) based on the care label of the product.

##### Ironing

- ∞ After final cycle

**ISO 6330 / ISO 5077: Dimensional stability after washing and drying**

**CRITERIA** **PRODUCT TYPE** **CONSTRUCTION USE CASE**

<p><b>OTHER FIBRES</b></p> <p>The products dimensional stability after washing and drying meets or exceeds the result of <b>≤ 4%</b> according to ISO 6330 / ISO 5077 and the listed test conditions.</p>			
<p><b>OTHER FIBRES</b></p> <p>The products dimensional stability after washing and drying meets or exceeds the result of <b>≤ 5%</b> according to ISO 6330 / ISO 5077 and the listed test conditions.</p>			
<p><b>OTHER FIBRES</b></p> <p>The products dimensional stability after washing and drying meets or exceeds the result of <b>≤ 5%</b> according to ISO 6330 / ISO 5077 and the listed test conditions.</p>			
<p><b>OTHER FIBRES</b></p> <p>The products dimensional stability after washing and drying meets or exceeds the result of <b>≤ 5%</b> according to ISO 6330 / ISO 5077 and the listed test conditions.</p>			
<p><b>OTHER FIBRES</b></p> <p>The products dimensional stability after washing and drying meets or exceeds the result of <b>≤ 3%</b> according to ISO 6330 / ISO 5077 and the listed test conditions.</p>			
<p><b>OTHER FIBRES</b></p> <p>The products dimensional stability after washing and drying meets or exceeds the result of <b>≤ 5% or ≤ 4% if product is a sweatshirt</b> according to ISO 6330 / ISO 5077 and the listed test conditions.</p>			
<p><b>MMCF</b></p> <p>The products dimensional stability after washing and drying meets or exceeds the result of <b>≤ 6%</b> according to ISO 6330 / ISO 5077 and the listed test conditions.</p>			
<p><b>MMCF</b></p> <p>The products dimensional stability after washing and drying meets or exceeds the result of <b>≤ 4%</b> according to ISO 6330 / ISO 5077 and the listed test conditions.</p>			
<p><b>MMCF</b></p> <p>The products dimensional stability after washing and drying meets or exceeds the result of <b>≤ 5%</b> according to ISO 6330 / ISO 5077 and the listed test conditions.</p>			
<p><b>MMCF</b></p> <p>The products dimensional stability after washing and drying meets or exceeds the result of <b>≤ 5% or ≤ 4% if product is a sweatshirt</b> according to ISO 6330 / ISO 5077 and the listed test conditions.</p>			

**ISO 16322-2 (or 3): Determination of spirality after laundering**

**Test Conditions**

This test shall be assessed on product level after a minimum of 5 wash cycles according to the care label.

If the product is hand wash only, the test conditions for hand wash shall be followed.

**Domestic Wash Conditions (Wet Wash Method)**

Follow the specific care instructions on the product’s care label.

**Machine Wash**

- ∞ 5 cycles (Denim products min. 3 cycles)
- ∞ Type A washing machine with detergent 3 (for products with very mild/delicate/hand wash symbol (such as products containing wool or silk), use detergent 7).
- ∞ Ballast: according to Standard
- ∞ Hand Wash: According to ISO wash programs

**Line/Flat Dry**

- ∞ After final wash
- ∞ Follow instructions per ISO 6330

**Tumble Dry**

- ∞ After each wash
- ∞ Type A1
- ∞ Ballast: according to Standard

**Ironing**

- ∞ After final drying
- ∞ Hand iron

CRITERIA	PRODUCT TYPE	CONSTRUCTION USE CASE	
The products or main materials spirality after laundering meets or exceeds the result of <b>≤ 4%</b> according to ISO 16322-2 (or 3) and the listed test conditions.			
The product or main materials spirality after laundering meets or exceeds the result of <b>≤ 4% or if product is sweatshirt ≤ 5%</b> according to ISO 16322-2 (or 3) and the listed test conditions.			
The product or main materials spirality after laundering meets or exceeds the result of <b>≤ 6%</b> according to ISO 16322-2 (or 3) and the listed test conditions.			

## ISO 15487: Method for assessing appearance of apparel and other textile end products after domestic washing and drying

### Test Conditions

This test shall be assessed on product level (interior & exterior: main material, lining and trims where applicable) after a minimum of 5 wash cycles according to the care label.

For denim products a minimum of 3 wash cycles applies.

If the product is dry-clean only, the test conditions for dry-clean shall be followed.

If the product is hand wash only, the test conditions for hand wash shall be followed.

### Domestic Wash Conditions (Wet Wash Method)

Machine Wash (based on care instructions on the product)

- ∞ 5 cycles (Denim products min. 3 cycles)
- ∞ Type A washing machine with detergent 3 (for products with very mild/delicate/hand wash symbol (such as products containing wool or silk), use detergent 7).
- ∞ Ballast: according to Standard
- ∞ Hand Wash: According to ISO wash programs

Line/Flat Dry

- ∞ After final wash
- ∞ Follow instructions per ISO 6330

Tumble Dry

- ∞ After each of first 5 washes
- ∞ Type A1
- ∞ Ballast: according to Standard

Ironing

- ∞ After final drying
- ∞ Hand iron

### Professional Cleaning Conditions (Dry Clean only)




Dry Clean

- ∞ 3 cycles
- ∞ Dry cleaning shall be conducted using the relevant dry cleaning ISO standard (ISO 3175-2 to 3175-4) based on the care label of the product.

Ironing

- ∞ After final cycle

**ISO 15487: Method for assessing appearance of apparel and other textile end products after domestic washing and drying**

CRITERIA	PRODUCT TYPE	CONSTRUCTION	USE CASE
<p>The product's appearance after washing and drying meets or exceeds the results listed below according to ISO 15487 and the listed test conditions.</p> <ul style="list-style-type: none"> <li>• <b>Holes or broken yarn:</b> Grade 5, no hole and no broken yarn</li> <li>• <b>Pilling, Fuzzing, Matting:</b> ≥ 4</li> <li>• <b>Colour change:</b> ≥ 4</li> <li>• <b>Staining:</b> No cross staining</li> <li>• <b>Seams:</b> ≥ 4</li> <li>• <b>Prints &amp; embroideries (if applicable):</b> ≥ 4</li> <li>• <b>Functional accessories (if applicable):</b> Grade 5, Functional accessories work perfectly as new.</li> <li>• <b>Trims and accessories appearance (if applicable):</b> Grade 5, no or negligible change in appearance</li> </ul>			
<ul style="list-style-type: none"> <li>• <b>Holes or broken yarn:</b> Grade 5, no hole and no broken yarn</li> <li>• <b>Pilling, Fuzzing, Matting:</b> ≥ 4</li> <li>• <b>Colour change:</b> ≥ 4</li> <li>• <b>Staining:</b> No cross staining</li> <li>• <b>Seams:</b> ≥ 4</li> <li>• <b>Prints &amp; embroideries (if applicable):</b> ≥ 4</li> <li>• <b>Functional accessories (if applicable):</b> Grade 5, Functional accessories work perfectly as new.</li> <li>• <b>Trims and accessories appearance (if applicable):</b> Grade 5, no or negligible change in appearance</li> </ul>			
<ul style="list-style-type: none"> <li>• <b>Holes or broken yarn:</b> Grade 5, no hole and no broken yarn</li> <li>• <b>Pilling, Fuzzing, Matting:</b> ≥ 4</li> <li>• <b>Colour change:</b> ≥ 4</li> <li>• <b>Staining:</b> No cross staining</li> <li>• <b>Colour change Lining:</b> ≥ 3-4</li> <li>• <b>Seams:</b> ≥ 4</li> <li>• <b>Prints &amp; embroideries (if applicable):</b> ≥ 4</li> <li>• <b>Functional accessories (if applicable):</b> Grade 5, Functional accessories work perfectly as new.</li> <li>• <b>Trims and accessories appearance (if applicable):</b> Grade 5, no or negligible change in appearance</li> </ul>			
<ul style="list-style-type: none"> <li>• <b>Holes or broken yarn:</b> Grade 5, no or negligible change in appearance</li> <li>• <b>Pilling, Fuzzing, Matting:</b> ≥ 4</li> <li>• <b>Colour change:</b> ≥ 4</li> <li>• <b>Staining:</b> No cross staining</li> <li>• <b>Colour change Lining:</b> ≥ 3-4</li> <li>• <b>Seams:</b> ≥ 4</li> <li>• <b>Prints &amp; embroideries (if applicable):</b> ≥ 4</li> <li>• <b>Functional accessories (if applicable):</b> Grade 5, Functional accessories work perfectly as new.</li> <li>• <b>Trims and accessories appearance (if applicable):</b> Grade 5, no or negligible change in appearance</li> </ul>			
<p>The product's appearance after washing and drying meets or exceeds the results listed below according to ISO 15487 and the listed test conditions.</p> <ul style="list-style-type: none"> <li>• <b>Appearance of collar, cuffs, button placket, interlinings and reinforcements:</b> ≥ 4</li> <li>• <b>Holes or broken yarn:</b> Grade 5, no hole and no broken yarn</li> <li>• <b>Pilling, Fuzzing, Matting:</b> ≥ 4</li> <li>• <b>Colour change:</b> ≥ 4</li> <li>• <b>Staining:</b> No cross staining</li> <li>• <b>Colour change Lining:</b> ≥ 3-4</li> <li>• <b>Seams:</b> ≥ 4</li> <li>• <b>Prints &amp; embroideries (if applicable):</b> ≥ 4</li> <li>• <b>Functional accessories (if applicable):</b> Grade 5, Functional accessories work perfectly as new.</li> <li>• <b>Trims and accessories appearance (if applicable):</b> Grade 5, no or negligible change in appearance</li> </ul>			

## ISO 15487: Method for assessing appearance of apparel and other textile end products after domestic washing and drying

CRITERIA	PRODUCT TYPE	CONSTRUCTION	USE CASE
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The product's appearance after washing and drying meets or exceeds the results listed below according to ISO 15487 and the listed test conditions.



- **Appearance of collar, cuffs, button placket, interlinings and reinforcements:**  $\geq 4$
- **Holes or broken yarn:** Grade 5, no hole and no broken yarn
- **Pilling, Fuzzing, Matting:**  $\geq 3-4$
- **Colour change:**  $\geq 3-4$
- **Staining:** No cross staining
- **Colour change Lining:**  $\geq 3-4$
- **Seams:**  $\geq 3-4$
- **Prints & embroideries (if applicable):**  $\geq 4$
- **Functional accessories (if applicable):** Grade 5, Functional accessories work perfectly as new.
- **Trims and accessories appearance (if applicable):** Grade 5, no or negligible change in appearance

The product's appearance after washing and drying meets or exceeds the results listed below according to ISO 15487 and the listed test conditions.



- **Holes or broken yarn:** Grade 5, no hole and no broken yarn
- **Pilling, Fuzzing, Matting:**  $\geq 4$
- **Smooth character:**  $\geq 3-4$
- **Colour change:**  $\geq 4$
- **Staining:** No cross staining
- **Seams:**  $\geq 3-4$
- **Prints & embroideries (if applicable):**  $\geq 3-4$
- **Functional accessories (if applicable):** Grade 5, Functional accessories work perfectly as new.
- **Trims and accessories appearance (if applicable):** Grade 5, no or negligible change in appearance

## Risk-Based Tests










### ISO 105-C06: Colour fastness to domestic and commercial laundering

#### Test Conditions

The test is not applicable to white products or products that are neither dyed nor printed. This test shall be run as stated in the ISO method.

#### Exemption:

Product is white or neither dyed nor printed.

CRITERIA	PRODUCT TYPE	CONSTRUCTION	USE CASE
Colour fastness to laundering meets or exceeds the result of <b>≥ Grade 3-4</b> according to ISO 105-C06 and the listed test conditions.			
Colour fastness to laundering meets or exceeds the result listed below according to ISO 105-C06 and the listed test conditions. <ul style="list-style-type: none"> <li>• <b>≥ Grade 4</b></li> <li>• Pigment dyes, garment dyes, pigment prints, pastel and neon colors: <b>≥ Grade 3-4</b></li> </ul>			
Colour fastness to laundering meets or exceeds the result listed below according to ISO 105-C06 and the listed test conditions. <ul style="list-style-type: none"> <li>• <b>≥ Grade 4-5</b></li> <li>• Pigment dyes, garment dyes, pigment prints, pastel and neon colors: <b>≥ Grade 3-4</b></li> </ul>			

### ISO 105-X12: Colour fastness to rubbing (wet/dry)

#### Test Conditions

The test is not applicable to white products or products that are neither dyed nor printed. This test shall be run as stated in the ISO method.

#### Exemption:

Product is white or neither dyed nor printed.

CRITERIA	PRODUCT TYPE	CONSTRUCTION USE CASE	
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Colour fastness to rubbing meets or exceeds the results listed below according to ISO 105-X12 and the listed test conditions.

- **Wet: ≥ Grade 2**
- **Dry: ≥ Grade 3**



Colour fastness to rubbing meets or exceeds the results listed below according to ISO 105-X12 and the listed test conditions.

- **Wet: ≥ Grade 3**
- **Dry: ≥ Grade 4**
- Pigment dyes, garment dyes, pigment prints: **Wet: ≥ Grade 2**
- Pigment dyes, garment dyes, pigment prints: **Dry: ≥ Grade 3**



### ISO 105-B02: Colour fastness to artificial light

**Exemption:**

Product is white or neither dyed nor printed.

CRITERIA	PRODUCT TYPE	CONSTRUCTION	USE CASE
Colour fastness to artificial light meets or exceeds the result of <b>≥ Grade 3-4</b> according to ISO 105-B02 and the listed test conditions.			
Colour fastness to artificial light meets or exceeds the results listed below according to ISO 105-B02 and the listed test conditions.			
<ul style="list-style-type: none"> <li>• <b>≥ Grade 4</b></li> <li>• Pigment dyes, garment dyes, pigment prints, pastel and neon colors: <b>≥ Grade 3-4</b></li> </ul>			

### ISO 105-E04: Colour fastness to perspiration

**Test Conditions**

The test is only applicable to sports products, and not applicable to white products or products that are neither dyed nor printed. This test shall be run as stated in the ISO method.

**Exemption:**

Product is white or neither dyed nor printed.



CRITERIA	PRODUCT TYPE	CONSTRUCTION	USE CASE
Sports products colour fastness to perspiration meets or exceeds the result of <b>≥ Grade 3-4</b> according to ISO 105-E04 and the listed test conditions.			



























### ISO 20932-1: Determination of the elasticity of fabrics

#### Test Conditions

The test is only applicable to products with elasticity or stretch properties ie. stretch fibre or mechanical stretch. This test shall run using Method A with a load of 30N for woven fabrics and 15N for knitted fabrics. Results will be evaluated after 5 cycles and a 30 minute relaxation period. Benchmark of 100mm recommended.

#### Exemption:

Product does not feature elasticity or stretch properties ie. stretch fibre or mechanical stretch in main material, or product have a loose/oversize fit.

CRITERIA	PRODUCT TYPE	CONSTRUCTION USE CASE	
Elasticity of fabrics meets or exceeds the result of $\geq$ 90% according to ISO 20932-1 and the listed test conditions.		 	 
Elasticity of fabrics meets or exceeds the result of $\geq$ 95% according to ISO 20932-1 and the listed test conditions.	  	   	 
		 	 
	 	  	 

**ISO 12947-2: Determination of the abrasion resistance of fabrics by the Martindale method**

**Test Conditions**

This test shall run with a load of 9 kPa to an end point of 2 broken yarns for woven products and 1 broken yarn for knit products.

CRITERIA	PRODUCT TYPE	CONSTRUCTION USE CASE	
Abrasion resistance meets or exceeds the results listed below according to ISO 12947-2 and the listed test conditions. <ul style="list-style-type: none"> <li>&lt; 100 g/m<sup>2</sup> : <b>≥ 15 000 cycles</b></li> <li>≥ 100 g/m<sup>2</sup>: <b>≥ 20 000 cycles</b></li> </ul>			
Abrasion resistance meets or exceeds the result of <b>≥ 30 000 cycles</b> according to ISO 12947-2 and the listed test conditions.			
Abrasion resistance meets or exceeds the result of <b>≥ 20 000 cycles</b> according to ISO 12947-2 and the listed test conditions.			
Abrasion resistance meets or exceeds the result of <b>≥ 35 000 cycles</b> according to ISO 12947-2 and the listed test conditions.			
Abrasion resistance meets or exceeds the result of <b>≥ 20 000 cycles</b> according to ISO 12947-2 and the listed test conditions.			
Abrasion resistance meets or exceeds the results listed below according to ISO 12947-2 and the listed test conditions. <ul style="list-style-type: none"> <li>&lt; 150 g/m<sup>2</sup> : <b>≥ 15 000 cycles</b></li> <li>≥ 150 g/m<sup>2</sup>: <b>≥ 20 000 cycles</b></li> </ul>			

### ISO 13937-1 (or 2): Tear properties of fabrics

#### Test Conditions

The test must be carried out in both directions. The results will show the average values obtained in both directions. The lowest average of the horizontal or vertical test results should be used to determine which of the thresholds has been reached.

#### Exemption:

The product contains more than 3% elastane or other stretch fibre, test is not required.



CRITERIA	PRODUCT TYPE	CONSTRUCTION USE CASE	
Tear properties of fabrics meets or exceeds the result of $\geq 13N$ according to ISO 13937-1 (or 2) and the listed test conditions.			
If product contains less than 3% elastane or other stretch fibre, tear properties of fabrics meets or exceeds the result of $\geq 20N$ according to ISO 13937-1 (or 2) and the listed test conditions.			
If product contains less than 3% elastane or other stretch fiber tear properties of fabrics must meet or exceed the results listed below according to ISO 13937-1 and the listed test conditions.			
	<ul style="list-style-type: none"> <li><math>&lt; 150 \text{ g/m}^2 : \geq 12N</math></li> <li><math>\geq 150 \text{ g/m}^2 : \geq 16N</math></li> </ul>		

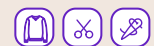
### ISO 13938-1 (or 2): Bursting properties of fabrics

#### Test Conditions

This test shall be run according to the ISO method using the 7.3 cm<sup>2</sup> sample holder.

#### Exemption:

Product is not a sweatshirt



CRITERIA	PRODUCT TYPE	CONSTRUCTION USE CASE	
Bursting properties of fabrics meets or exceeds the result of $\geq 350kpa$ according to ISO 13938-1 (or 2) and the listed test conditions.			
Bursting properties of fabrics meets or exceeds the result of $\geq 350kpa$ according to ISO 13938-1 (or 2) and the listed test conditions if product is a sweatshirt.			

**ISO 12945-1 (or 2): Determination of fabric propensity to surface pilling, fuzzing or matting**

**Test Conditions**

**ISO 12945-1 - Pilling box method**

The results for this test shall be evaluated after 10,800 revolutions (180 minutes at 60 revolutions per minute) for each direction.





















**ISO 12945-2 - Martindale method**

The results for this test shall be evaluated after 5000 cycles.

**Exemption:**

Product is made of delicate materials such as fine animal hair or brushed fabrics.



CRITERIA	PRODUCT TYPE	CONSTRUCTION USE CASE	
Pilling of fabrics meets or exceeds the result of $\geq 4$ according to ISO 12945-1 (or 2) and the listed test conditions.	 	 	 
Pilling of fabrics meets or exceeds the result of $\geq 4$ , or if product is sweatshirt $\geq 3-4$ , according to ISO 12945-1 (or 2) and the listed test conditions.		 	 
Pilling of fabrics meets or exceeds the result of $\geq 3-4$ according to ISO 12945-1 (or 2) and the listed test conditions.		 	 
			 

**ASTM D3939: Test method for snagging resistance of fabrics (Mace)**

**Test Conditions**

This test shall be run for 600 revolutions at 60 revolutions per minute.

**Exemption:**

Product is not a sweatshirt



**Exemption:**

Product is not a sweatpants



CRITERIA	PRODUCT TYPE	CONSTRUCTION USE CASE	
Snagging resistance of fabrics meets or exceeds the result of <b>≤ 4 if product is a sweatshirt</b> according to ASTM D3939 and the listed test conditions.			
Snagging resistance of fabrics meets or exceeds the result of <b>≤ 4</b> according to ASTM D3939 and the listed test conditions.			
Snagging resistance of fabrics meets or exceeds the result of <b>≤ 4 if product is a sweatpants</b> according to ASTM D3939 and the listed test conditions.			

**ISO 13936-1 (or 2): Determination of the slippage resistance of yarns at a seam in woven fabrics**

**Test Conditions**

This test shall be run according to the ISO method and the reported value shall be the average force measurement over 5 measurements on the weakest seam or, failing that, on an inside seam. Refer to ISO standard for the relevant force setting.

CRITERIA	PRODUCT TYPE	CONSTRUCTION USE CASE	
Seam slippage meets or exceeds the result of <b>≤ 4 mm</b> according to ISO 13936-1 (or 2) and the listed test conditions.			
Seam slippage meets or exceeds the result of <b>≤ 3 mm</b> according to ISO 13936-1 (or 2) and the listed test conditions.			

### ISO 4920: Water Repellency Spray Test Method

#### Test Conditions

The test is applicable if the product features water repellent properties.

This test shall be run as stated in the ISO method with water temperature of 20 °C.

Samples assessed after 5 wash cycles.

For products with Line/Flat Dry

∞ Dry after the final wash.

For products with Tumble Dry

∞ Dry after each wash.

#### Exemption:

Product does not feature water repellent properties.

#### CRITERIA

#### PRODUCT TYPE

#### CONSTRUCTION USE CASE

Product with water repellent properties must meet or exceed the result of **≥ Grade 3-4** according to ISO 4920 and the listed test conditions.



### ISO 811: Water Proofness

#### Test Conditions

The test is applicable if the product features waterproof properties.

Testing shall occur both on the main fabrics as well as on the seams.

Water pressure 60 cmH<sub>2</sub>O/min. Water temperature 20° C.

Samples evaluated after 5 wash cycles.

For products with Line/Flat Dry

∞ Dry after the final wash.

For products with Tumble Dry

∞ Dry after each wash.

#### Exemption:

Product does not feature waterproof properties

#### CRITERIA

#### PRODUCT TYPE

#### CONSTRUCTION USE CASE

Product with water proof properties meets or exceeds the result of **≥ 5000 mm** according to ISO 811 and the listed test conditions.



# Definitions and Abbreviations

## Glossary

A consolidated glossary of definitions and abbreviations used in this document is maintained on the CDS Platform, where it is updated alongside the standard to reflect evolving terminology, fibre and process classifications, recognised standards and certifications and applicable regulatory references.

Maintaining the glossary on the digital platform ensures that terminology stays consistently up to date across all relevant standard and certification documents, the platform interface, and the Digital Product Passport outputs that result from a successful certification.

## Language

English is the official language of the Circular Design Standard<sup>®</sup>. Translations may be released on the [circular.fashion](https://circular.fashion) website. In any case of inconsistency, the English version prevails.



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