Materials, Processes, & Products Classification

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This document is jointly developed by GOTS and Textile Exchange for the application of their policies for scope and transaction certificates.

This classification is a dynamic document that will be continually edited and updated. New versions will be published as required.

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Section 1 - Purpose

1.1. Target Audience

This document is primarily developed for certification bodies for use in its certification process. Secondary users include suppliers, manufacturers, brands/retailers, and other stakeholders that have an interest in GOTS and Textile Exchange standards.

1.2. Objectives

- Ensure raw materials, process categories, product categories and product details that are always, usually or occasionally used on scope and transaction certificates are covered.

- Provide a systematic reporting framework for raw materials, process categories, product categories and product details.

- Standardize the classification of raw materials, process categories, product categories and product details for GOTS and Textile Exchange's standards.

- Provide guidance on the selection and pairing of raw materials, process categories, product categories and product details.

Section 2 - Methodology

2.1.   Guiding Principles

The classification of raw materials, process categories, product categories and product details is:

- Intended for the specification of scope and transaction certificates only and not for labeling. (Sellers are responsible for the accuracy of product label claims and its compliance with all regulations in the country of sale.)

- Intended to report on a class or group, rather than a specific unit, because User Specific Terms (see: User Specific Terminology) can be used on scope and transaction certificates for the latter purpose.

- Mapped to provide systematic reporting at five levels: fiber/material, yarn, fabric, product and reclaimed materials (see: Appendix C - Reporting Framework).

- Assessed on its frequency of use ("always", "usually", "occasionally", "rarely" or "possibly"). For practical reasons, only raw materials, process categories, product categories and product details that are "always", "usually" and "occasionally" used are included in the final lists. Raw materials, process categories, product categories and product details that are not included in the classification can be covered by the generic class "Other".

- Complementary to one another and are considered together. Redundant terms are omitted wherever possible.

2.2.   Approach

The following steps were taken in the development of the raw materials, process categories, product categories and product details classification. Group and bilateral consultations with certification bodies were held for feedback during this process.

List of Raw Materials

- The raw materials listed in the European Regulation on Fiber Labelling and European Regulation on Organic Labelling were used as a baseline to evaluate completeness (see: Appendix A - Raw Materials Mapping).

- The baseline list was then mapped against the lists of raw materials from preceding classifications from the Scope Certificate Policy and those provided by certification bodies and brands.

- The attributes in-conversion, organic, recycled pre/post-consumer, recycled pre-consumer and recycled post-consumer were applied to all animal and plant-based raw materials. The attribute responsible was applied to selected animal-based raw materials. The attributes recycled pre/post-consumer, recycled pre-consumer and recycled post-consumer were applied to all synthetic, cellulosic, inorganic and miscellaneous raw materials.

List of Process Categories

- Although there are numerous textile process classifications, none of these classifications is accepted as the industry standard. Assessment is therefore carried out on process categories from preceding classifications from the Scope Certificate Policy and cross-checked against processes required to produce the product categories and product details.

- A completeness check was then carried to ensure that there is a process in place for each of the input and output products of different raw materials.

List of Product Categories and Product Details

- Product categories were determined with GOTS and Textile Exchange's reporting requirements as a starting point.

- Completeness was then checked against the latest iteration (H3) of The Harmonized Commodity Description and Coding System. Where possible, mapping was carried out at level 4 of H3. In selected cases, level 6 was mapped. Whilst level 1 of H3 was reviewed completely, maximum coverage was specifically targeted at H3 50-63 as those are specific to textiles.

- Further completeness was then checked against the input and output products needed for each raw material and process category.

- To reduce duplicative iterations, the principle of many-to-many was applied to product categories and product details– where many different combinations of classifications are possible and therefore allowed. Guidance is provided on the pairing of product categories and product details, but users may select any product details together with any product categories.

2.3.   User Specific Terminology

2.3.1   Despite all considerations taken in the classification of terms, there will be cases where the class itself would fit but not its name. The terms provided in this classification may be too general, overlook the specificity of an individual product, or not reflect common terms used in a certain region or industry. We address this by

allowing users to apply their own terms in place of terms provided in this classification. Such individual terms are referred to in this document as "User Specific Terms".

2.3.2   For legal reasons, all use of User Specific Terms must remain generic and shall not, under any circumstances, contain tradenames, names of standards, programs and initiatives, or names of breeds, varieties and species.

2.3.3   While GOTS and Textile Exchange do not recommend the general use of User Specific Terms, we recognize that in certain cases, it may be necessary. We do, however, mandate the use of the classification codes in all cases, so that we can always reference a term back to its designated class.

Section 3 - Classification

3.1. Raw Materials

3.1.1   Each raw material is listed on its own (e.g., Cotton) and can have one or more attributes (e.g., In-conversion cotton, Organic cotton, Recycled pre/post-consumer cotton, Recycled pre-consumer cotton and Recycled post-consumer cotton).

3.1.2   Recycled pre/post-consumer attributes should only be applied for raw materials of non-recycled standards. For RCS and GRS standards, users are required to either apply Recycled pre-consumer or Recycled post-consumer as an attribute to raw material.

3.1.3   In contrast to process categories, product categories and product details, User Specific Terms (see: User Specific Terminology) must not be used to replace the names of any raw materials listed in this classification, except for those classed as "Other" (RM0262 to RM0267). In such exceptions, the use of User Specific Terms must be generic and shall not, under any circumstances, contain tradenames, names of standards, programs and initiatives, or names of breeds, varieties and species.

3.1.4   The following table lists the permitted raw materials and codes.

	Raw Material	[No attribute]	In-conversion	Organic	Recycled pre/post-consumer	Recycled pre-consumer	Recycled post-consumer	Responsible
Animal	Alpaca	RM0001	RM0002	RM0003	RM0004	RM0005	RM0006	RM0007
	Angora	RM0008	RM0009	RM0010	RM0011	RM0012	RM0013	–
	Camel	RM0014	RM0015	RM0016	RM0017	RM0018	RM0019	–
	Cashmere	RM0020	RM0021	RM0022	RM0023	RM0024	RM0025	–
	Down	RM0026	RM0027	RM0028	RM0029	RM0030	RM0031	RM0032
	Feather	RM0033	RM0034	RM0035	RM0036	RM0037	RM0038	RM0039
	Guanaco	RM0040	RM0041	RM0042	RM0043	RM0044	RM0045	–
	Lama	RM0046	RM0047	RM0048	RM0049	RM0050	RM0051	–
	Leather	RM0052	RM0053	RM0054	RM0055	RM0056	RM0057	–
	Mohair	RM0058	RM0059	RM0060	RM0061	RM0062	RM0063	RM0064
	Silk	RM0065	RM0066	RM0067	RM0068	RM0069	RM0070	–
	Vicuna	RM0071	RM0072	RM0073	RM0074	RM0075	RM0076	–
	Wool	RM0077	RM0078	RM0079	RM0080	RM0081	RM0082	RM0083
	Yak	RM0084	RM0085	RM0086	RM0087	RM0088	RM0089	–
Plant-based	Bamboo	RM0090	RM0091	RM0092	RM0093	RM0094	RM0095	–
	Coir	RM0096	RM0097	RM0098	RM0099	RM0100	RM0101	–
	Cotton	RM0102	RM0103	RM0104	RM0105	RM0106	RM0107	–
	Flax (linen)	RM0108	RM0109	RM0110	RM0111	RM0112	RM0113	–

	Raw Material	[No attribute]	In-conversion	Organic	Recycled pre/post-consumer	Recycled pre-consumer	Recycled post-consumer	Responsible
	Hemp	RM0114	RM0115	RM0116	RM0117	RM0118	RM0119	–
	Jute	RM0120	RM0121	RM0122	RM0123	RM0124	RM0125	–
	Kapok	RM0126	RM0127	RM0128	RM0129	RM0130	RM0131	–
	Natural rubber	RM0132	RM0133	RM0134	RM0135	RM0136	RM0137	–
	Nettle	RM0138	RM0139	RM0140	RM0141	RM0142	RM0143	–
	Ramie	RM0144	RM0145	RM0146	RM0147	RM0148	RM0149	–
	Sisal	RM0150	RM0151	RM0152	RM0153	RM0154	RM0155	–
Synthetic	Acrylic	RM0156	–	–	RM0157	RM0158	RM0159	–
	Elastane (spandex)	RM0160	–	–	RM0161	RM0162	RM0163	–
	Elastomultiester	RM0164	–	–	RM0165	RM0166	RM0167	–
	Ethylene vinyl acetate	RM0168	–	–	RM0169	RM0170	RM0171	–
	Latex	RM0172	RM0173	RM0174	RM0175	RM0176	RM0177	–
	Modacrylic	RM0178	–	–	RM0179	RM0180	RM0181	–
	Polyamide (nylon)	RM0182	–	–	RM0183	RM0184	RM0185	–
	Polyester	RM0186	–	–	RM0187	RM0188	RM0189	–
	Polyethylene	RM0190	–	–	RM0191	RM0192	RM0193	–
	Polyethylene terephthalate (PET)	RM0194	–	–	RM0195	RM0196	RM0197	–
	Polylactic acid (PLA)	RM0198	–	–	RM0199	RM0200	RM0201	–
	Polypropylene	RM0202	–	–	RM0203	RM0204	RM0205	–
	Polystyrene	RM0206	–	–	RM0207	RM0208	RM0209	–
	Polyurethane	RM0210	–	–	RM0211	RM0212	RM0213	–
	Protein	RM0214	–	–	RM0215	RM0216	RM0217	–
Cellulosic	Acetate	RM0218	–	–	RM0219	RM0220	RM0221	–
	Cupro	RM0222	–	–	RM0223	RM0224	RM0225	–
	Lyocell	RM0226	–	–	RM0227	RM0228	RM0229	–
	Modal	RM0230	–	–	RM0231	RM0232	RM0233	–
	Triacetate	RM0234	–	–	RM0235	RM0236	RM0237	–
	Viscose (rayon)	RM0238	–	–	RM0239	RM0240	RM0241	–
Inorganic	Glass	RM0242	–	–	RM0243	RM0244	RM0245	–
	Metal	RM0246	–	–	RM0247	RM0248	RM0249	–
	Wood	RM0250	–	–	RM0251	RM0252	RM0253	–
Misc.	Metallic fibers	RM0254	–	–	RM0255	RM0256	RM0257	–
	Mixed fibers	RM0258	–	–	RM0259	RM0260	RM0261	–
	Other	RM0262	RM0263	RM0264	RM0265	RM0266	RM0267	–

3.2. Process Categories

3.2.1   The following table provides a list of process categories and samples of the specific processes that it covers. If only a specific process is applicable, users are advised to use a User Specific Term (see: User Specific Terminology).

3.2.2   The category "No processing" (PR0000) shall be the default category where no processing of goods is performed. The only use for this is in the Facilities Appendix of a scope certificate, namely for cases where the scope certificate holder is neither directly involved in the actual processing of goods nor has a specific code listed in the table below (e.g., headquarters, marketing, administration, finance office of a scope certificate holder). It shall not be listed on the first page of the scope certificate.

3.2.3   The following table lists the permitted process categories and codes.

Code	Process Category	Coverage Examples
PR0000	No processing	See 3.2.2.
PR0001	Boiling	–
PR0002	Breeding	–
PR0003	Biological recycling	–
PR0004	Chemical recycling	–
PR0005	Collecting	–
PR0006	Concentrating	Flake making, popcorn making, baling, etc.
PR0007	Down processing	Cleaning, washing, drying, sorting, mixing, etc.
PR0008	Dyeing	Cone dyeing, garment dyeing, hank dyeing, knitted fabric dyeing, stock dyeing, wool tops dyeing, warp dyeing, woven fabric dyeing, wet processing, fiber dyeing, yarn dyeing, etc.
PR0009	Embroidery, embellishment	–
PR0010	Extrusion	Extrusion under melt spinning, wet spinning, dry spinning, gel spinning, etc.
PR0011	Farm production	–
PR0012	Finishing	Coating, singeing, desizing, vaporizing, gassing, easy-care treatment wet processing, etc.
PR0013	Ginning	Ginning, delinting, etc.
PR0014	Hatchery	–
PR0015	Knitting	Circular or flat knitting (warp knitting) – jersey, rib, interlock, french terry, fleece, pique, jacquard knitting, socks knitting, garment knitting, etc.
PR0016	Manufacturing	Cutting-making-trimming (CMT), garment making, final product making, assembling, design, fabric marking, stitching, ironing, sorting, balling, filling/stuffing, etc.
PR0017	Mechanical recycling	Wool fraying, ragging, garnetting, cotton/polyester recycling, etc.
PR0018	Molding	Aluminum molding or inject molding.
PR0019	Non-woven manufacturing	Mechanical, thermal, chemical and solvent processes (e.g. spun lace, heat-bonded, pulp air-laid, wet, spunbond, melt-blown, acupuncture, stitch, hydroentangling).
PR0020	Packing	Packing, labeling, etc.

Code	Process Category	Coverage Examples
PR0021	Pre-treatment	Gassing, singeing, sizing, desizing, scouring, mercerization, bleaching, carbonizing, fulling/crabbing/thermo fixing, anti-felting, anti-shrinking treatments, degumming, heat setting, washing, etc.
PR0022	Preparatory	Warping, sizing, spooling, pirn winding, etc.
PR0023	Printing	Devore printing, direct printing, discharge printing, resist printing, rotary screen printing, screen printing, inkjet printing, digital printing, etc.
PR0024	Pulp making	Wood pulp, cotton pulp, etc.
PR0025	Retail sales	–
PR0026	Slaughtering	–
PR0027	Spinning	Blow-room, carding, combing, roving, ring spinning, roto/open-end spinning, vortex spinning, winding, reeling, doubling, twisting, unwinding, silk reeling, silk throwing, wet spinning, melt spinning, dry spinning, gel spinning, texturizing, etc.
PR0028	Tanning	–
PR0029	Top making	Wool/synthetic top making process.
PR0030	Trading	Import, export or domestic trading.
PR0031	Warehousing, distribution	–
PR0032	Washing, laundering	Washing/laundering of garment, fabric, denim, yarn, fiber or any other material.
PR0033	Weaving	All woven fabric plain, twill, satin, sateen, honeycomb, terry, denim, jacquard weaving, etc.
PR0034	Other	–

3.3. Product Categories

3.3.1   Please refer to Appendix B - Mapping of Product Categories and Product Details and Appendix D - Illustrative Examples for guidance on how to use the product categories and product details.

3.3.2   The following table lists the permitted product categories and codes.

Code	Product Category	Code	Product Category
PC0001	Men's apparel	PC0020	Filling, stuffing
PC0002	Women's apparel	PC0021	Paper products
PC0003	Babies' apparel	PC0022	Hard goods
PC0004	Children's apparel	PC0023	Packaging
PC0005	Unisex apparel	PC0024	Toys
PC0006	Men's denim apparel	PC0025	Dyed fabrics
PC0007	Women's denim apparel	PC0026	Greige fabrics
PC0008	Children's denim apparel	PC0027	Undyed fabrics
PC0009	Unisex denim apparel	PC0028	Fabrics
PC0010	Home textiles	PC0029	Dyed yarns
PC0011	Carried accessories	PC0030	Greige yarns
PC0012	Worn accessories	PC0031	Undyed yarns
PC0013	Personal care, hygiene	PC0032	Tops
PC0014	Medical	PC0033	Dyed fibers
PC0015	Bedding	PC0034	Undyed fibers
PC0016	Footwear	PC0035	Processed materials
PC0017	Functional accessories	PC0036	Unprocessed fibers/materials
PC0018	Outdoor	PC0037	Reclaimed materials
PC0019	Industrial, technical	PC0038	Other

3.4.   Product Details

3.4.1   Please refer to Appendix B - Mapping of Product Categories and Product Details and Appendix D - Illustrative Examples for guidance on how to use the product categories and product details.

3.4.2   The following table lists the permitted product details and codes.

Code	Product Detail	Code	Product Detail
PD0001	Overcoats, jackets, vests	PD0051	Paper products
PD0002	Suits, suit- pants	PD0052	Envelops, cards
PD0003	Pants, trousers	PD0053	Furniture
PD0004	Sweaters, pullovers, cardigans	PD0054	Decorative items
PD0005	Shirts, blouses	PD0055	Packing sacks, bags
PD0006	Undergarment, sleepwear, robes	PD0056	Soft toys
PD0007	T-shirts, singlets	PD0057	Hard toys
PD0008	Activewear, sportswear	PD0058	Knitted fabrics
PD0009	Socks, hosiery	PD0059	Woven fabrics
PD0010	Workwear, uniforms	PD0060	Terry fabrics
PD0011	Dresses, skirts	PD0061	Denim fabrics
PD0012	Brassieres, suspenders, garters	PD0062	Non-woven fabrics
PD0013	Babies' clothing	PD0063	Special fabrics
PD0014	Babies' accessories	PD0064	Leather
PD0015	Bed linen, bed sheets	PD0065	Bonded leather
PD0016	Table linen, tablecloth, napkins	PD0066	Open-end yarns
PD0017	Towels, kitchen linen, toilet linen	PD0067	Carded yarns
PD0018	Food contact textiles	PD0068	Combed yarns
PD0019	Blankets, bedspreads, quilts	PD0069	Filament
PD0020	Curtains, blinds	PD0070	Yarns for hand knitting
PD0021	Upholstery	PD0071	Core-spun yarns
PD0022	Carpets, rugs, floor coverings	PD0072	Fancy yarns
PD0023	Pillows, cushions	PD0073	Tops
PD0024	Bags, handbags, totes, pouches	PD0074	Lint cotton
PD0025	Luggage, suitcases	PD0075	Raw fibers
PD0026	Gloves, mittens, hand covering	PD0076	Raw silk
PD0027	Neckties, bow ties, cravats	PD0077	Combed fibers
PD0028	Scarves, shawls, veils	PD0078	Scoured fibers
PD0029	Handkerchiefs	PD0079	Staple fibers
PD0030	Hats, caps, head coverings	PD0080	Mixed fibers
PD0031	Belts	PD0081	By-products
PD0032	Topical products	PD0082	Comber noil
PD0033	Invasive products	PD0083	Cotton linter
PD0034	Mattresses	PD0084	Tanned hide
PD0035	Shoes	PD0085	Chips (pellets)
PD0036	Buttons	PD0086	Flakes
PD0037	Zippers	PD0087	Popcorns
PD0038	Labels, tags	PD0088	Seed cotton (raw cotton)

Code	Product Detail	Code	Product Detail
PD0039	Trimmings	PD0089	Greasy wool
PD0040	Interlining	PD0090	Silk cocoons
PD0041	Sewing threads	PD0091	Greasy animal hair
PD0042	Tents, sails, camping goods	PD0092	Pulp
PD0043	Tarpaulins, awnings	PD0093	Rawhide
PD0044	Sleeping bags	PD0094	Reclaimed bottles
PD0045	Automotive parts, upholstery	PD0095	Reclaimed fishing nets
PD0046	Building materials	PD0096	Reclaimed textiles
PD0047	Down, feather	PD0097	Reclaimed ocean wastes
PD0048	Man-made fiber filling	PD0098	Reclaimed process wastes
PD0049	Natural fiber filling	PD0099	Reclaimed down, feathers
PD0050	Cardboard, boxes	PD0100	Other

Appendix A - Raw Materials Mapping

The following table shows the mapping carried out between raw materials listed in European Regulation on Fiber Labelling and this classification.

	EU Regulation	Classification		EU Regulation	Classification
Animal	Alpaca	Alpaca	**Synthetic**	Acrylic	Acrylic
	Angora	Angora		Aramid	Other
	Animal hair	Other		Chlorofibre	Other
	Beaver	Other		Elastane	Elastane (spandex)
	Camel	Camel		Elastodiene	Other
	Cashgora	Other		Elastolefin	Other
	Cashmere	Cashmere		Elastomultiester	Elastomultiester
	Guanaco	Guanaco		Fluorofibre	Other
	Llama	Lama		Melamine	Other
	Mohair	Mohair		Modacrylic	Modacrylic
	Otter	Other		Polyacrylate	Other
	Silk	Silk		Polyamide or nylon	Polyamide (nylon)
	Vicuna	Vicuna		Polycarbamide	Other
	Wool	Wool		Polyester	Polyester
	Yak	Yak		Polyethylene	Polyethylene
	–	Down		Polyimide	Other
	–	Feather		Polylactide	Other
	–	Leather		Polypropylene	Polypropylene
Plant	Abaca	Other		Polypropylene/polyamide bicomponent	Other
	Broom	Other		Polyurethane	Polyurethane
	Coir	Coir		Protein	Protein
	Cotton	Cotton		Trivinyl	Other
	Flax (or linen)	Flax (linen)		Vinylal	Other
	Henequen	Other		–	Ethylene vinyl acetate
	Jute	Jute		–	Latex
	Kapok	Kapok		–	Polyethylene terephthalate (PET)
	Maguey	Other		–	Polylactic acid (PLA)
	Ramie	Ramie		–	Polystyrene
	Sisal	Sisal	**Cellulosic**	Acetate	Acetate
	Sunn	Other		Cupro	Cupro
	True hemp	Hemp		Alginate	Other
	–	Bamboo		Lyocell	Lyocell
	–	Natural rubber		Modal	Modal
	–	Nettle		Triacetate	Triacetate
	–	Protein		Viscose	Viscose

	EU Regulation	Classification		EU Regulation	Classification
Inorganic	Glass fiber	Glass	Misc.	–	Metallic fibers
	–	Metal		–	Mixed fibers
	–	Wood		–	Other

Appendix B - Mapping of Product Categories and Product Details

The following table outlines the recommended mapping of product details to product categories.

The mapping of product categories and product details to HS Code H3 is carried out for the sole purpose of facilitating a check for completeness. It is not intended as a specification on which customs code to apply.

Where a component of product detail is in question (e.g., shoe sole, jacket shell), users are recommended to select the whole product (i.e., shoe, jacket) and specify the component in User Specific Terms (see: User Specific Terminology).

Product Category	Product Detail	HS Code (H3)	Guidance
Men's apparel	− Overcoats, jackets, vests − Suits, suit- pants − Pants, trousers − Sweaters, pullovers, cardigans − Shirts, blouses − Undergarment, sleepwear, robes − T-shirts, singlets − Activewear, sportswear − Socks, hosiery − Workwear, uniforms	− 6101,6201,62020 − 6103, 6203 − 6103, 6203 − 6110 − 6105, 6205 − 6107,6207 − 6109 − 6112, 6212 − 6115 − n/a	If apparel is "Workwear, uniforms", select this detail over the specific apparel type (e.g., "Pants, trousers")
Women's apparel	− Overcoats, jackets, vests − Suits, suit- pants − Pants, trousers − Dresses, skirts − Sweaters, pullovers, cardigans − Shirts, blouses − Undergarment, sleepwear, robes − Brassieres, suspenders, garters − T-shirts, singlets − Activewear, sportswear − Socks, hosiery − Workwear, uniforms	− 6102, 6202, 62030 − 6104, 6204 − 6104, 6204 − 6104, 6204 − 6110 − 6106, 6206 − 6108, 6208 − 6212 − 6109 − 6112, 6212 − 6115 − n/a	
Children's apparel Unisex apparel Men's denim apparel Women's denim apparel Children's denim apparel Unisex denim apparel	See "Men's apparel" or "Women's apparel."	See "Men's apparel" or "Women's apparel."	

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Product Category	Product Detail	HS Code (H3)	Guidance
Home textiles	– Bed linen, bed sheets – Table linen, tablecloth, napkins – Towels, kitchen linen, toilet linen – Food contact textiles – Blankets, bedspreads, quilts – Curtains, blinds – Upholstery – Carpets, rugs, floor coverings – Pillows, cushions	– 630210-39 – 630240-59 – 630260-99, 630710 – n/a – 6301, 630411-19 – 6303 – 6304 – 5701-05 – 940490	
Carried accessories	– Bags, handbags, totes, pouches – Luggage, suitcases	– 420221-29, 420231-39, 420291-99 – 420211-19	
Worn accessories	– Gloves, mittens, hand coverings – Neckties, bow ties, cravats – Scarves, shawls, veils – Handkerchiefs – Hats, caps, head coverings	– 6216, 420321-29 – 6215 – 6214 – 6213 – 6501-07	
Personal care, hygiene	– Topical products – Invasive products	– 560110, 4803 – 560110, 4818	
Medical	– Topical products	– 3005	
Bedding	– Mattresses – Pillows, cushions	– 940421-29 – 940490	
Footwear	– Shoes	– 6401-06	"Shoes" covers all types of footwear, including sandals, boots, heels, etc.
Functional accessories	– Buttons – Zippers – Labels, tags – Trimmings – Interlining – Sewing threads	– 9606 – 9607 – 5807 – 5808, 5809 – n/a – 5204, 5401, 5508	
Outdoor	– Tents, sails, camping goods – Tarpaulins, awnings – Mattresses – Luggage, suitcases – Bags, handbags, totes, pouches – Sleeping bags	– 630622/29/30/91/99 – 630612/19 – 630640 – 430211-19 – 420221-29, 420231-39, 420291-99 – 940430	
Industrial, technical	– Tarpaulins, awnings – Automotive parts, upholstery – Building materials	– 630612/19 – 8708 – n/a	
Filling, stuffing	– Down, feather – Man-made fiber filling – Natural fiber filling	– 050510 – n/a – n/a	"Down, feather" takes precedence over "Natural fiber filling."

Product Category	Product Detail	HS Code (H3)	Guidance
Paper products	– Cardboard, boxes – Labels, tags – Paper products – Envelops, cards	– 4819 – 4821 – 4802/05/07/08/10/11 – 4817	
Hard goods	– Furniture – Decorative items	– 9401-03, 940410 – n/a	For bedding related products, use product category "Bedding."
Packaging	– Cardboard, boxes – Labels, tags – Packing sacks, bags	– 4819 – 4821 – 6305, 392329	"Packing sacks, bags" covers the use of polybags and other similar articles.
Toys	– Soft toys – Hard toys	– 9503 – 9503	
Greige fabrics	– Knitted fabrics – Woven fabrics – Terry fabrics – Denim fabrics	– 6001-06 – 5111-13, 5007, 5208-12, 5407-08, 5512-16-5309-11 – 5802 – 5209, 5211, 5212	"Terry fabrics" or "Denim fabrics" takes precedence over "Knitted fabrics" or "Woven fabrics." "Dyed fabrics" refers to fabric output of dyeing processes. "Greige fabrics" refers to fabric output of knitting and weaving processes. "Undyed fabrics" refers to fabric output of pre-treatment, ready for dyeing (RFD).
Undyed fabrics	– Knitted fabrics – Woven fabrics – Terry fabrics – Denim fabrics	– 6001-06 – 5111-13, 5007, 5208-12, 5407-08, 5512-16-5309-11 – 5802 – 5209, 5211, 5212	
Dyed fabrics	– Knitted fabrics – Woven fabrics – Terry fabrics – Denim fabrics	– 6001-06 – 5111-13, 5007, 5208-12, 5407-08, 5512-16-5309-11 – 5802 – 5209, 5211, 5212	
Fabrics	– Non-woven fabrics – Special fabrics – Leather – Bonded leather	– 5601-03 – 5801, 5803-06, 5809-10, 59 – 4107, 4112-14 – 4115	"Special fabrics" include pile, chenille, tulles, laces, tapestries, narrow, embroidery, quilted, impregnated, coated or processed not covered by "Knitted fabrics" or "Woven fabrics." Product category "Fabrics" should only be applied for "Non-woven fabrics", "Special fabrics", "Leather", "Bonded leather" and other fabric types that cannot be covered by "Greige fabrics", "Dyed fabrics" and "Undyed fabrics."
Greige yarns	– Open-end yarns – Carded yarns – Combed yarns	– 520511/12/14/24, 520632 – 5106, 510810, 520513-15, 520611-15 – 5107, 510820, 520521-23/26-28, 520621-25, 520641-45	"Greige yarns" refer to yarn output of spinning processes. "Undyed yarns" refer to yarn output from pre-treatment, ready for dyeing (RFD).

Product Category	Product Detail	HS Code (H3)	Guidance
	– Filament	– 5402-06, 5503, 5504, 5506, 5507, 5501, 5502	"Dyed yarns" refer to yarn output of dyeing processes.
	– Yarn for hand knitting	– n/a	For input of recycled cotton and output of viscose or cupro covered by GRS and RCS, users are required to specify either "Viscose filament" or "Cupro filament" as a User Specific Term for product detail.
	– Core-spun yarns	– n/a	
	– Fancy yarns	– 5604-09	
	– Sewing threads	– 5204, 5401, 5508	
Undyed yarns	– Open-end yarns	– 520511/12/14/24, 520632	
	– Carded yarns	– 5106, 510810, 520513-15, 520611-15	
	– Combed yarns	– 5107, 510820, 520521-23/26-28, 520621-25, 520641-45	Where mélange or embroidered yarn is a certified product, users are required to specify "Melange yarns" or "Embroidery yarns" as a User Specific Term for product detail.
	– Filament	– 5402-06, 5503, 5504, 5506, 5507, 5501, 5502	
	– Yarn for hand knitting	– n/a	
	– Core-spun yarns	– n/a	
	– Fancy yarns	– 5604-09	
	– Sewing threads	– 5204, 5401, 5508	
Dyed yarns	– Open-end yarns	– 520511/12/14/24, 520632	
	– Carded yarns	– 5106, 510810, 520513-15, 520611-15	
	– Combed yarns	– 5107, 510820, 520521-23/26-28, 520621-25, 520641-45	
	– Yarn for hand knitting	– n/a	
	– Core-spun yarns	– n/a	
	– Fancy yarns	– 5604-09	
	– Sewing threads	– 5204, 5401, 5508	
Tops	– Tops	– 5105	
Undyed fibers	– Lint cotton	– 5203	"Raw fibers" is applicable to all plant-based fibers (e.g., flax, hemp, jute, coconut, abaca, rami,e etc.)
	– Raw fibers	– 530110-30, 5302, 5303, 5305	
	– Raw silk	– 5002	"Combed fibers" are applicable to combed wool and combed animal hair.
	– Combed fibers	– n/a	
	– Soured fibers	– 510121-30, 5102	"Staple fibers" and "Filament" is applicable to all cellulosic and synthetic fibers.
	– Staple fibers	– n/a	
	– Mixed fibers	– 5202, 530130, 530290, 530390, 5305, 5003, 5006, 5103-04, 5505	"Comber noil" and "Cotton linter" takes precedence over "By-product.".
	– By-products	– n/a	When "By-products" are used as product details, users are required to specify the details as User Specific Terms.
	– Comber noil	– n/a	
	– Cotton linter	– n/a	
Dyed fibers	– Lint cotton	– 5203	"Raw fibers" are applicable to all plant-based fibers (e.g., flax, hemp, jute, coconut, abaca, ramie, etc.)
	– Raw fibers	– 530110-30, 5302, 5303, 5305	
	– Raw silk	– 5001, 5002	"Combed fibers" are applicable to combed wool and combed animal hair.
	– Combed fibers	– n/a	
	– Soured fibers	– 510121-30, 5102	
	– Staple fibers	– 5503, 5504, 5506, 5507	

Product Category	Product Detail	HS Code (H3)	Guidance
	– Filament – Mixed fibers – By-products – Comber noil	– 5501, 5502 – n/a – n/a – n/a	"Staple fibers" and "Filament" is applicable to all cellulosic and synthetic fibers. "Comber noil" takes precedence over "By-products." When "By-products" is used as product detail, users are required to specify the details as a User Specific Term.
Processed materials	– Down, feather – Tanned hide – Chips (pellets) – Flakes – Pulp – Popcorns	– 050510 – 4104-06 – 3901-02, 3906-09 – 3901-02, 3906-09 – 3901-02, 3906-09 – 3901-02, 3906-09	"Chips (pellets)", "Flakes" and "Popcorns" are applicable to synthetic fibers. "Pulp" includes wood pulp, cotton pulp, cotton linter pulp, etc. Users are required to specify the details as a User Specific Term.
Unprocessed fibers/materials	– Seed cotton (raw cotton) – Greasy wool – Silk cocoons – Greasy animal hair – Pulp – Down, feather – Rawhide – Flakes – Popcorns	– 5201 – 510111-19 – 5001 – n/a – 47 – 050510 – 4101-03 – 3901-02, 3906-09 – 3901-02, 3906-09	"Chips (pellets)", "Flakes" and "Popcorns" are applicable to synthetic fibers.
Reclaimed materials	– Reclaimed bottles – Reclaimed fishing nets – Reclaimed textiles – Reclaimed ocean waste – Reclaimed process waste	– n/a – n/a – n/a – n/a – n/a	When "Reclaimed process waste" is used as product detail, users are required to specify the details as a User Specific Term. Note: Users are required to obtain approval from Assurance@TextileExchange.org for the use of "Reclaimed ocean waste" as a product as specific verification processes are required.

Appendix C - Reporting Framework

Raw materials		Reclaimed materials	Process	Unprocessed fibers/ materials or Processed materials	Process	Dyed fibers, Undyed fibers or Processed materials	Process	Top making	Process	Dyed yarns, Greige yarns or Undyed yarns	Process	Process	Dyed fabrics, Greige fabrics or Undyed fabrics	Process any level
Plant	Cotton	–	–	Seed cotton Cotton linter	Ginning	Lint cotton Comber noil	Spinning	–	–	Open-end yarn Carded yarn Combed yarn	– Prepatory –	Knitting Weaving Non-woven manf	Knitted fabric Woven fabric Non-woven fabric	Dyeing Finishing Washing, laundering Manufacturing Packing Printing Trading Warehousing, distribution Embroidery, embellishment Retail sales Pre-treatment By-product
	Other plant-based fibers	–	–	–	–	Raw fiber	Spinning	–	–	Carded yarn	– Prepatory	Knitting Weaving	Knitted fabric Woven fabric	
Animal	Silk	–	–	–	–	Raw silk	Spinning	–	–	Staple yarn Filament	– Prepatory	Knitting Weaving	Knitted fabric Woven fabric	
	Wool	–	–	Greasy wool	Pre-treatment	Combed fibers Scoured fibers Comber noil	Spinning	Tops	Topmaking	Carded yarn Combed yarn	– Prepatory –	Knitting Weaving Non-woven manf	Knitted fabric Woven fabric Non-woven fabric	
	Cashmere Mohair	–	Breeding Farm production Slaughtering	Greasy animal hair	Pre-treatment	Combed fibers Scoured fibers Comber noil	Spinning	Tops	Topmaking	Carded yarn Combed yarn	– Prepatory –	Knitting Weaving Non-woven manf	Knitted fabric Woven fabric Non-woven fabric	
	Other animal hairs	–	Breeding Farm production Slaughtering	–	–	Combed fibers Scoured fibers Comber noil	Spinning	Tops	Topmaking	Carded yarn Combed yarn	– Prepatory –	Knitting Weaving Non-woven manf	Knitted fabric Woven fabric Non-woven fabric	
	Down, feather	–	Breeding Farm production Hatchery Collecting Slaughtering	Down, feather	Down processing	Down, feather	–	–	–		–	–		
	Leather	–	Breeding Farm production Slaughtering	Raw hide	Tanning Pre-treatment	Tanned hide	–	–	–		–	–	Leather	
Cellulosics			–	Pulp	Extrusion Pre-treatment	Staple fibers Filament	Spinning			Open-end yarn Carded yarn Combed yarn Filament	– Prepatory –	Knitting Weaving Non-woven manf	Knitted fabric Woven fabric Non-woven	
Synthetics			–	Chips (pellets) Flakes Popcorn	Extrusion Pre-treatment	Staple fibers Filament	Spinning	–	–	Open-end yarn Carded yarn Combed yarn Filament	– Prepatory –	Knitting Weaving Non-woven manf	Knitted fabric Woven fabric Non-woven fabric	
Recycled		Reclaimed bottles Reclaimed fishing nets Reclaimed textiles Reclaimed ocean wastes Reclaimed process waste	Concentrating	Chips (pellets) Flakes Popcorn	Extrusion Pre-treatment	Staple fibers Filament	Chemical recycling Mechanical recycling Biological recycling			Open-end yarn Carded yarn Combed yarn Filament	– Prepatory –	Knitting Weaving Non-woven manf	Knitted fabric Woven fabric Non-woven fabric	
Mixed		–	–	–	–	–	Spinning	–	–	Core-spun yarns Fancy yarns Others	– Prepatory –	Knitting Weaving Knitting	Knitted fabric Woven fabric Special fabric	

Appendix D - Illustrative Examples

This section provides some illustrative examples of how raw materials, process categories, product categories and product details should be applied. These are illustrative examples for guidance purposes only. Users are expected to carry out their own assessment of the certified product and exercise their best judgment on how to use the product categories and product details in accordance with the objectives of this classification.

In contrast to process categories, product categories and product details, User Specific Terms (see: User Specific Terminology) must not be used to replace the names of any raw materials listed in this classification, except for those classed as "Other" (RM0262 to RM0267). In such exceptions, the use of User Specific Terms must be generic and shall not, under any circumstances, contain tradenames, names of standards, programs and initiatives, or names of breeds, varieties and species. The use of User Specific Terms (see: User Specific Terminology) is illustrated below in [blue] together with the respective official classification terms. On the printed certificate, either the User Specific Term or the official term should be displayed.

Examples of acceptable and not acceptable application of User Specific Terms on the printed certificates:

✅	**Official processing category:**	Ginning (PR0014)
	User Specific Term applied:	Ginning and delinting (PR0014)
✅	**Official raw material:**	Other (RM0250)
	User Specific Term applied:	Zinc (RM0250)

❌	**Official raw material:**	Wool (RM0077)
	User Specific Term applied:	Merino wool (RM0077)
❌	**Official raw material:**	Cotton (RM0102)
	User Specific Term applied:	Egyptian cotton (RM0102)

Example 1: Cotton Linter

As a by-product of the Ginning (PR0014) process, Cotton linter (PD0083) product detail should be applied to Undyed fibers (PC0034) product category. Users should specify Delinting as a User Specific Term of the Ginning process for specificity.

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Product category	Undyed fibers (PC0034)
Processing step/activity	Ginning [Ginning and delinting] (PR0014)

Scope Certificate – Product Appendix

Product category	**Product detail**	**Material & Material composition**	**Label Grade**
Undyed fibers (PC0034)	Lint cotton (PD0074)	100% Organic cotton (RM0104)	OCS 100
Undyed fibers (PC0034)	Cotton linter (PD0083)	100% Organic cotton (RM0104)	OCS 100

Example 2: Yarns, Comber Noil and Tops

Open-end yarns (PD0066), Carded yarns (PD0067), Combed yarns (PD0068), Filament (PD0069), Yarns of hand knitting (PD0070), Core-spun yarns (PD0071), Fancy yarns (PD0072) and Sewing threads (PD0041) are possible product details for Dyed yarns (PC0029), Greige yarns (PC0030) and Undyed yarns (PC0031) product categories.

As a by-product of the Spinning (PR0026) process, Comber noil (PD0082) product detail should be applied to either Dyed fibers (PC0033) or Undyed fibers (PC0034) product categories.

Scope Certificate – Cover Page

Product category	Greige yarns (PC0030); Undyed fibers (PC0034); Tops (PC0032)
Processing step/activity	Spinning (PR0028); Top making (PR0030)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Greige yarns (PC0030)	Open-end yarns (PD0066)	100% Organic cotton (RM0104)	OCS 100
Greige yarns (PC0030)	Core-spun yarn (PD0071)	97% Organic cotton (RM0104) + 3% Elastane (spandex) (RM0160)	OCS 100
Undyed fibers (PC0034)	Comber noil (PD0082)	100% Organic cotton (RM0104)	OCS 100
Greige yarns (PC0030)	Carded yarns (PD0067)	100% Organic wool (RM0079)	OCS 100
Greige yarns (PC0030)	Core-spun yarn (PD0071)	97% Organic wool (RM0079) + 3% Elastane (spandex) (RM0160)	OCS 100
Undyed fibers (PC0034)	Comber noil [Comber noil - blousse] (PD0081)	100% Organic wool (RM0079)	OCS 100
Undyed fibers (PC0034)	Combed fibers (PD0098)	100% Organic wool (RM0079)	OCS 100
Dyed fibers (PC0035)	Combed fibers (PD0098)	100% Organic wool (RM0079)	OCS 100
Tops (PC0032)	Tops (PD0073)	100% Organic wool (RM0079)	OCS 100

Example 3: Knitted Fabrics, Woven Fabrics, Terry Fabrics and Denim Fabrics

Knitted fabrics (PD0058), Woven fabrics (PD0059), Terry fabrics (PD0060), Denim fabrics (PD0061) and other similar product details should be applied to Dyed fabrics (PC0025), Greige fabrics (PC0026) and Undyed fabrics (PC0027) product categories. Since Terry fabrics and Denim fabrics are more specific, the application of Terry fabrics and Denim fabrics takes precedence over Woven fabrics in product details.

Scope Certificate – Cover Page

Product category	Dyed fabrics (PC0025); Greige fabrics (PC0026); Undyed fabrics (PC0027)
Processing step/activity	Preparatory (PR0023); Weaving (PR0034); Knitting (PR0016); Dyeing (PR0009); Finishing (PR0013)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Dyed fabrics (PC0025)	Terry fabrics (PD0060)	5% Recycled pre-consumer cotton (RM0106) + 95% Recycled post-consumer cotton (RM0107)	RCS 100
Dyed fabrics (PC0025)	Denim fabrics (PD0061)	5% Recycled pre-consumer cotton (RM0106) + 95% Recycled post-consumer cotton (RM0107)	RCS 100
Greige fabrics (PC0026)	Knitted fabrics (PD0058)	5% Recycled pre-consumer cotton (RM0106) + 95% Polyester (RM0186)	RCS Blended
Greige fabrics (PC0026)	Woven fabrics (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Polyester (RM0186)	RCS Blended
Undyed fabrics (PC0027)	Knitted fabrics (PD0058)	5% Recycled pre-consumer cotton (RM0106) + 95% Polyester (RM0186)	RCS Blended
Undyed fabrics (PC0027)	Woven fabrics (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Polyester (RM0186)	RCS Blended

Example 4: Non-woven Fabrics, Special Fabrics, Leather and Bonded Leather

Product category Fabrics (PC0028) should only be used for product details such as Non-woven fabrics (PD0062), Special fabrics (PD0063), Leather (PD0064), Bonded leather (PD0065) and other fabric types that cannot be covered by Dyed fabrics (PC0025), Greige fabrics (PC0026) and Undyed fabrics (PC0027) product categories. The following example shows how Non-woven fabric should be specified, Special fabrics, Leather and Bonded leather can be applied the same way with respect to their own processing step/activity.

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Product category	Fabrics (PC0028)
Processing step/activity	Non-woven manufacturing (PR0020)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Fabrics (PC0028)	Non-woven fabrics (PD0062)	100% Recycled post-consumer polyester (RM0189)	RCS 100
Fabrics (PC0028)	Non-woven fabrics (PD0062)	35% Recycled post-consumer polyester (RM0189) + 30% Polyamide (nylon) (RM0182) + 35% Polyester (RM0186)	RCS Blended

Example 5: Trims and Accessories

Only trims and accessories that are independently certified can be specified as products. In such cases, they fall within the Functional accessories (PC0017) product category. Available product details within this category include Buttons (PD0036), Zippers (PD0037), Labels, tags (PD0038), Trimmings (PD0039), Interlining (PD0040) and Sewing threads (PD0041).

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Product category	Functional accessories (PC0017)
Processing step/activity	Dyeing (PR0009); Finishing (PR0013); Manufacturing (PR0017)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Functional accessories (PC0017)	Buttons (PD0036)	20% Recycled pre-consumer metal (RM0248) + 54% Other [Copper] (RM0262) + 26% Other [Zinc] (RM0262)	RCS Blended
Functional accessories (PC0017)	Zippers (PD0037)	100% Recycled post-consumer polyester (RM0189)	RCS 100
Functional accessories (PC0017)	Other [Resin] (PD0099)	100% Recycled post-consumer polyester (RM0189)	RCS 100

Example 6: Supplier Tradename

A seller's product tradename may be specified as part of a User Specific Term for product details of the seller's scope and transaction certificates for a given product. Tradenames cannot be specified on either a buyer's scope or transaction certificates, even if the buyer is buying that product with a transaction certificate bearing a seller's tradename.

When a seller's tradename is used, it must appear as part of a User Specific Term for product detail.

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Product category	Bedding (PC0015)
Processing step/activity	Manufacturing (PR0017)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Bedding (PC0015)	Mattresses [RestFree™ Mattresses] (PD0034)	100% Organic cotton (RM0104)	Organic

Example 7: Components

Where a component of a product is in question (e.g., shoe sole, jacket shell), users should select the official product detail code which matches the product as a whole (e.g., shoe, jacket) and then specify the particular component as a User Specific Term.

Scope Certificate – Cover Page

Product category	Footwear (PC0016)
Processing step/activity	Weaving (PR0034)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Footwear (PC0016)	Shoes [Shoes - upper material] (PD0035)	100% Organic cotton (RM0104)	OCS 100
Footwear (PC0016)	Shoes [Shoes - lining] (PD0035)	100% Organic cotton (RM0104)	OCS 100
Footwear (PC0016)	Shoes [Shoes - fabric] (PD0035)	100% Organic cotton (RM0104)	OCS 100

Example 8: Mélange Yarns and Fabrics

For mélange yarns and fabrics, users should select either the Dyed yarns (PC0029) and Dyed fabrics (PC0025) as the product category, select respective yarn types as the product detail and specify mélange followed by the yarn type as the User Specific Term.

Scope Certificate – Cover Page

Product category	Dyed fibers (PC0033); Dyed yarns (PC0029); Dyed fabrics (PC0025)
Processing step/activity	Pre-treatment (PR0022); Dyeing (PR0009); Finishing (PR0013); Spinning (PR0028); Preparatory (PR0023); Knitting (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Dyed fibers (PC0033)	Staple fibers (PD0079)	100% Organic cotton (RM0104)	OCS 100
Dyed yarns (PC0029)	Open-end yarns [Melange open-end yarns] (PD0066)	96% Organic cotton (RM0104) + 4% Polyester (RM0186)	OCS 100
Dyed fabrics (PC0025)	Knitted fabrics [Melange knitted fabrics] (PD0058)	100% Organic cotton (RM0104)	OCS 100

Example 9: Filling, Stuffing

The Filling, stuffing (PC0020) product category should only be applied to an output of a processor (see: Example 13: Down Farm Production → Trading). When specifying the filling/stuffing of a product, users should specify the product category of the finished product (i.e., Men's apparel), in the product detail select the appropriate classification (i.e., Overcoats, jacket, vests), then specify "filling, stuffing" as a User Specific Term for product details (e.g., Vests – filling, stuffing).

Scope Certificate – Cover Page

Product category	Men's apparel (PC0001)
Processing step/activity	Manufacturing (PR0017)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Men's apparel (PC0001)	Overcoat, jackets, vests [Jacket – filling, stuffing] (PD0001)	100% Recycled post-consumer polyester (RM0189)	RCS 100
Men's apparel (PC0001)	Overcoat, jackets, vests [Vests – filling, stuffing] (PD0001)	100% Recycled pre-consumer cotton (RM0106)	RCS 100

Example 10: Recycled Cotton Pulp → Viscose Products

1st Processing Step: Recycled Cotton Pulp

Where cotton is recycled into viscose fibers, yarns, fabrics and products, users should maintain the original material composition of recycled cotton (i.e., 5% Recycled pre-consumer cotton + 95% Wood) in the scope certificate and in the transaction certificates along the supply chain. Users should then specify "viscose" as a User Specific Term for the fiber, yarn, fabric or product details, as shown below.

Scope Certificate – Cover Page

Product category	Processed materials (PC0035)
Processing step/activity	Pulp making (PR0025)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Processed materials (PC0035)	Pulp (PD0092)	100% Recycled pre-consumer cotton (RM0106)	RCS 100

2nd Processing Step: Recycled Cotton Pulp → Viscose Fiber/Filament

Scope Certificate – Cover Page

Product category	Undyed fibers (PC0034); Dyed yarns (PC0029)
Processing step/activity	Extrusion (PR0011)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Undyed fibers (PC0034)	Staple fibers [Viscose staple fibers] (PD0079)	5% Recycled pre-consumer cotton (RM0106) + 95% Wood (RM0250)	RCS Blended
Dyed yarns (PC0029)	Filament [Viscose filament] (PD0069)	20% Recycled pre-consumer cotton (RM0106) + 80% Wood (RM0250)	RCS Blended

3rd Processing Step: Viscose Fiber/Filament → Viscose Fabrics

Scope Certificate – Cover Page

Product category	Greige fabrics (PC0026)
Processing step/activity	Preparatory (PR0023); Weaving (PR0034); Knitting (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Greige fabrics (PC0026)	Knitted fabrics [Viscose knitted fabrics] (PD0058)	5% Recycled pre-consumer cotton (RM0106) + 95% Wood (RM0250)	RCS Blended
Greige fabrics (PC0026)	Woven fabrics [Viscose filament] (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Wood (RM0250)	RCS Blended

4th Processing Step: Viscose Fabrics → Viscose Products

Scope Certificate – Cover Page

Product category	Women's apparel (PC0002); Undyed fabrics (PC0027); Dyed fabrics (PC0025)
Processing step/activity	Pre-treatment (PR0022); Preparatory (PR0023); Weaving (PR0034); Knitting (PR0016); Dyeing (PR0009); Finishing (PR0013)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Women's apparel (PC0002)	Socks, hosiery [Viscose socks] (PD0009)	20% Recycled pre-consumer cotton (RM0106) + 80% Wood (RM0250)	RCS Blended
Undyed fabrics (PC0027)	Knitted fabrics [Viscose knitted fabrics] (PD0058)	5% Recycled pre-consumer cotton (RM0106) + 95% Wood (RM0250)	RCS Blended
Undyed fabrics (PC0027)	Woven fabrics [Viscose woven fabrics] (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Wood (RM0250)	RCS Blended
Dyed fabrics (PC0025)	Knitted fabrics [Viscose knitted fabrics] (PD0058)	5% Recycled pre-consumer cotton (RM0106) + 95% Wood (RM0250)	RCS Blended
Dyed fabrics (PC0025)	Woven fabrics [Viscose woven fabrics] (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Wood (RM0250)	RCS Blended

Example 11: Bamboo → Viscose Products

Where products are made from Viscose (rayon) with Bamboo as a feedstock, users should specify Bamboo as the raw material, select product details, and specify "viscose" as a User Specific Term.

Scope Certificate – Cover Page

Product category	Undyed fibers (PC0034); Dyed yarns (PC0029)
Processing step/activity	Extrusion (PR0011)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Undyed fibers (PC0034)	Staple fibers [Viscose staple fibers] (PD0079)	100% Organic bamboo (RM0092)	OCS 100
Dyed yarns (PC0029)	Filament [Viscose filament] (PD0069)	100% Organic bamboo (RM0092)	OCS 100

Example 12: Reclaimed Bottles → Recycled Polyester Fabrics

1st Processing Step: Bottles → Flakes/Popcorns

For PET bottles at the collector/concentrator level, users should select Reclaimed materials as the product category and Reclaimed bottles as product detail. As PET bottles have yet gone through the recycling process, only Polyethylene terephthalate (PET), not Recycled post-consumer polyester, can be specified as the raw material.

Flakes (PD0085) and Popcorns (PD0086) can either be applied to Unprocessed fibers/materials (PC0036) or Processed materials (PC0035) product categories (e.g., if the flakes are bleached, they are considered processed). However, Chips (pellets) (PD0084) should only be applied to the Processed materials (PC0035) category.

Scope Certificate – Cover Page

Product category	Reclaimed materials (PC0037); Unprocessed fibers/materials (PC0036); Processed materials (PC0035)
Processing step/activity	Collecting (PR0005); Concentrating (PR0006)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Reclaimed materials (PC0037)	Reclaimed bottles (PD0094)	100% Polyethylene terephthalate (PET) (RM0194)	n/a
Unprocessed fibers/materials (PC0036)	Flakes (PD0086)	100% Polyethylene terephthalate (PET) (RM0194)	n/a
Processed materials (PC0035)	Flakes (PD0086)	100% Polyethylene terephthalate (PET) (RM0194)	n/a

Unprocessed fibers/materials (PC0036)	Popcorns (PD0087)	100% Polyethylene terephthalate (PET) (RM0194)	n/a
Processed materials (PC0035)	Popcorns (PD0087)	100% Polyethylene terephthalate (PET) (RM0194)	n/a

2nd Processing Step: Flakes/Popcorns → Staple Fiber/Filament

Once Reclaimed bottles, Flakes or Popcorns have gone through recycling, users can select Recycled post-consumer polyethylene terephthalate (PET) as the raw material.

Chips (pellets) (PD0085) should only be applied to the Processed materials (PC0035) category.

Scope Certificate – Cover Page

Product category	Processed materials (PC0035); Undyed fibers (PC0034); Dyed fibers (PC0033); Greige yarns (PC0030); Dyed yarns (PC0029)
Processing step/activity	Mechanical recycling (PR0018); Extrusion (PR0011)

Scope Certificate – Product Appendix

Product category	Product detail	Material & Material composition	Label Grade
Processed materials (PC0035)	Chips (pellets) (PD0085)	100% Recycled post-consumer polyester (RM0189)	RCS 100
Undyed fibers (PC0034)	Staple fibers (PD0079)	100% Recycled post-consumer polyester (RM0189)	RCS 100
Dyed fibers (PC0033)	Staple fibers (PD0079)	100% Recycled post-consumer polyester (RM0189)	RCS 100
Greige yarns (PC0030);	Filament (PD0069)	100% Recycled post-consumer polyester (RM0189)	RCS 100
Dyed yarns (PC0029)	Filament (PD0069)	100% Recycled post-consumer polyester (RM0189)	RCS 100

3rd Processing Step: Staple Fiber/Filament → Yarns/Fabrics

Scope Certificate – Cover Page

Product category	Greige yarns (PC0030); Greige fabrics (PC0026)
Processing step/activity	Spinning (PR0028); Preparatory (PR0023); Weaving (PR0034); Knitting (PR0016)

Scope Certificate – Product Appendix

Product category	Product details	Material & Material composition	Label Grade
Greige yarns (PC0030)	Open-end yarns (PD0066)	100% Recycled post-consumer polyester (RM0189)	RCS 100
Greige yarns (PC0030)	Carded yarns (PD0067)	100% Recycled post-consumer polyester (RM0189)	RCS 100
Greige fabrics (PC0026)	Knitted fabrics (PD0058)	100% Recycled post-consumer polyester (RM0189)	RCS 100
Greige fabrics (PC0026)	Woven fabrics (PD0059)	100% Recycled post-consumer polyester (RM0189)	RCS 100

Example 13: Down Farm Production → Trading

1ˢᵗ Processing Step: Farm Production, Slaughtering, Down Processing

To cover Farm production (PR0012), users should select Unprocessed fibers/materials (PC0036) as the code for product category and specify "Birds" as a User Specific Term, then select Down, feather (PD0047) as code for product details and specify the bird type (i.e., Grey goose) as a User Specific Term.

The output of the slaughterhouse is Unprocessed fibers/materials (PC0036) product category and Down, feather (PD0047) product detail. User Specific Terms should then be used to specify the species and color of the down/feather (i.e., Grey goose down, feather or White goose down, feather).

The output of down processing is Filling, stuffing (PC0020) product category and Down, feather (PD0047) product detail. Here again, User Specific Terms should be used to specify the blend of species and color of down/feather (i.e., Grey goose down, feather or Grey goose down, feather + White goose down, feather).

Scope Certificate – Cover Page

Product category	Unprocessed fibers/materials [Birds] (PC0036); Filling, stuffing (PC0020)
Processing step/activity	Farm production (PR0012); Slaughtering (PR0027); Down processing (PR0008)

Scope Certificate – Product Appendix

Product category	Product details	Material & Material composition	Label Grade
Unprocessed fibers/materials [Birds] (PC0036)	Down, feather [Grey goose] (PD0047)	100% Responsible feather (RM0039)	n/a
Unprocessed fibers/materials [Birds] (PC0036)	Down, feather [Grey goose] (PD0047)	100% Responsible down (RM0032)	n/a
Unprocessed fibers/materials [Birds] (PC0036)	Down, feather [White goose] (PD0047)	100% Responsible feather (RM0039)	n/a
Unprocessed fibers/materials [Birds] (PC0036)	Down, feather [White goose] (PD0047)	100% Responsible down (RM0032)	n/a
Unprocessed fibers/materials (PC0036)	Down, feather [Grey goose down, feather] (PD0047)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	n/a
Unprocessed fibers/materials (PC0036)	Down, feather [White goose down, feather] (PD0047)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	n/a
Filling, stuffing (PC0020)	Down, feather [White goose down, feather + Grey goose down, feather] (PD0047)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	n/a

2nd Processing Step: Manufacturing

When specifying the filling and/or stuffing of a product, users should specify the product category of the finished product (i.e., Men's apparel), select an appropriate class for product detail (i.e,. Overcoats, jacket, vests) and specify "filling, stuffing" as a User Specific Term (e.,g. Vests – filling, stuffing).

Scope Certificate – Cover Page

Product category	Men's apparel (PC0001); Home textiles (PC0010)
Processing step/activity	Manufacturing (PR0017)

Scope Certificate – Product Appendix

Product category	Product details	Material & Material composition	Label Grade
Home textiles (PC0010)	Pillows, cushions [Pillows – filling, stuffing] (PD0023)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	n/a
Men's apparel (PC0001)	Overcoats, jackets, vests [Jackets – filling, stuffing] (PD0001)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	n/a

3rd Processing Step: Trading

Since the product is for filling, stuffing, the term should be replicated in the product details for trading and subsequent supply chain processes.

Scope Certificate – Cover Page

Product category	Men's apparel (PC0001); Home textiles (PC0010)
Processing step/activity	Trading (PR0031); Warehousing, distribution (PR0032)

Scope Certificate – Product Appendix

Product category	Product details	Material & Material composition	Label Grade
Home textiles (PC0010)	Pillows, cushions [Pillows – filling, stuffing] (PD0023)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	n/a
Men's apparel (PC0001)	Overcoats, jackets, vests [Jackets – filling, stuffing] (PD0001)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	n/a

Example 14: RAF → RMS & RWS product

Scope Certificate – Cover Page

Product category	Men's apparel (PC0001)
Processing step/activity	Manufacturing (PR0017)

Scope Certificate – Product Appendix

Product category	Product details	Material & Material composition	Label Grade
Men's apparel (PC0001)	Shirts, blouses (PD0005)	100% Responsible wool (RM0083)	n/a
Men's apparel (PC0001)	Shirts, blouses (PD0005)	100% Responsible mohair (RM0064)	n/a
Men's apparel (PC0001)	Shirts, blouses (PD0005)	50% Responsible wool (RM0083) + 50% Responsible mohair (RM0064)	n/a
Men's apparel (PC0001)	Shirts, blouses (PD0005)	5% Responsible wool (RM0083) + 95% Mohair (RM0064)	n/a
Men's apparel (PC0001)	Shirts, blouses (PD0005)	50% Responsible mohair (RM0064) + 50% Wool (RM0077)	n/a