Materials, Processes and Products Classification

Version 2.0



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Materials, Processes, and Products Classification, Version 2.0

Version 2.0 of this document is jointly developed by Global Standards and Textile Exchange for the harmonised 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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English[1] is the official language used in the Materials, Processes and Products Classification document. In any case of inconsistency between language versions, the English-language version shall prevail.

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1 INTRODUCTION

This document has been developed primarily for Certification Bodies (CBs) to support their certification processes. It outlines the raw materials, processes, and products applicable to Global Standards and Textile Exchange.

Additionally, the document aims to establish a standardised and systematic framework for the classification, reporting, selection, and pairing of raw materials, accepted organic standards, process categories, product categories, and product details.

1.1 Purpose and Objectives

The objectives of this document are as follows:

- Standardise the classification of raw materials, process categories, product categories, and product details for Global Standards and Textile Exchange standards.
- Standardise the classification of organic standards accepted as organically grown material inputs by Global Standards and Textile Exchange standards.
- 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.
- Provide guidance on the selection and pairing of raw materials, process categories, product categories, and product details.

This document shall be used by Certification Bodies for use in their certification processes, and may be used by suppliers, manufacturers, brands/retailers, and other stakeholders that have an interest in Global Standards and Textile Exchange standards.

1.2 Implementation

Materials, Processes and Products Classification is effective October 2026.

As the primary changes introduced in Version 2.0 relate to the addition of new GRTS raw material codes and associated classification updates, Certification Bodies are expected to implement this version at the earliest opportunity.

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 labelling (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*" can be used on Scope and Transaction Certificates for the latter purpose.

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- Mapped to provide systematic reporting at five levels: fibre/material, yarn, fabric, product, and reclaimed materials (see examples in 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 shall be covered by the generic class "Other", accompanied by pertinent details that help define it.
- Complementary to one another and 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.

Raw Materials

- The raw materials listed in the European Regulation on Fibre Labelling and European Regulation on Organic Labelling were used as a baseline to evaluate completeness (see,

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- *APPENDICES* AND EXAMPLES
- Appendix A - Raw Materials Mapping).
- The baseline list was then mapped against the lists of raw materials from preceding classifications from the Procedure for Issuance of Scope Certificates and those provided by Certification Bodies and Brands.
- The attributes “organic in-conversion”, “organic”, “recycled pre/post-consumer”, “recycled pre-consumer”, “recycled post-consumer” were applied to all animal and plant-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. The attribute “responsible” was applied to selected animal-based raw materials. The attributes “responsibly produced”, “content claimed”, and “recycled pre-consumer organic” were applied to specific raw materials assigned by either Global Standards or Textile Exchange.

Process Categories

- Although there are numerous textile process classifications, none of these classifications are accepted as the industry standard. Assessment is therefore carried out on process categories from preceding classifications from the Procedure for Issuance of Scope Certificates and cross-checked against processes required to produce the product categories and product details.
- A completeness check was then carried out to ensure that there is a process in place for each of the input and output products of different raw materials.

Product Categories and Product Details

- “Product categories” were determined with Global Standards 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”.

Organic Standards

- Organic standards for farm-level inputs accepted by Global Standards and Textile Exchange are based on the IFOAM Family of Standards.

2.3 User Specific Terms

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. This has been addressed by allowing users of this

Classification to apply their own terms in place of the terms provided in this document. Such individual terms are referred to 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, or initiatives, or names of breeds, varieties, or species.

2.3.3 While Global Standards and Textile Exchange do not recommend the general use *of User Specific Terms*, it is recognised that in certain cases, such terms may be necessary. However, the use of the "classification codes" is mandatory in all cases, so that terms are linked to their designated class, thereby facilitating easy reference to its designated class.

3 CLASSIFICATION

3.1 Raw Materials

3.1.1 Each raw material is listed on its own (e.g. cotton) and may have one or more attributes (e.g. organic in-conversion cotton, organic cotton, recycled pre/post-consumer cotton, recycled pre-consumer cotton, recycled post-consumer cotton, responsibly produced, recycled pre-consumer organic and content claimed).

3.1.2 For all Global Standards and Textile Exchange standards, unless the raw materials are certified for any of the specified attributes, users shall only specify the raw materials under "no attribute".

3.1.3 Raw material attributes[2] such as "no attribute", "recycled pre/post-consumer", "sustainably sourced", and "responsibly produced" are not certified to GOTS and shall be considered as non-certified material.

3.1.4 Raw material attributes such as "no attribute", "recycled pre/post-consumer" and "sustainably sourced", are not certified to GRTS and shall be considered as non-certified material.

3.1.5 For RCS andGRS standards, users shall either apply "recycled pre-consumer" or "recycled post-consumer" as an attribute to raw material.

3.1.6 Raw materials which have been processed within an approved mass balance system at any stage within the supply chain shall be classed using a "VR2" raw material code through the remainder of their supply chains. (See: CCS-101 Content Claim Standard for eligibility requirements for mass balance systems.)

3.1.7 Raw materials which have been processed from textile-to-textile[3] recycling with an approved mass balance system shall be classed using a "T2T" raw material code.

3.1.8 "Recycled pre/post-consumer" attributes shall only be applied for recycled raw materials.

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[2] For Scope Certificates and Transaction Certificates issued as per GOTS and/or GRTS, the recycled component does not carry GRS or RCS claims, therefore, "recycled pre/post-consumer" attribute shall be applied.

[3] Textile-to-textile recycled synthetic fibres derived from pre- or post-consumer waste are applicable under this criteria. Refer GOTS 8.1, Section 3.2.10, Table 3.2.10 – Allowed and Prohibited Additional Fibres.

3.1.9 “Sustainably sourced” attributes shall be limited to the use of raw materials covered by GOTS.

3.1.10 In contrast to process categories, product categories, and product details, *User Specific Term* shall 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 a *User Specific Term* must be generic and shall not, under any circumstances, contain tradenames, names of standards, programs, or initiatives, or names of breeds, varieties, or species.

3.1.11 “Other” (RM0262 to RM0267) shall only be applied to raw materials not listed in this Classification. In such cases, the application of raw material codes in “other” shall correspond to its associated attributes (e.g. “no attribute” for non-certified, and “organic in-conversion”, “organic”, “recycled pre/post-consumer”, “recycled pre-consumer”, “recycled post-consumer”, “responsibly produced”, and “content claimed” for certified or accepted materials). Additionally, the use of a *User Specific Term* for the specification of the raw material is mandatory in place of the word “other”.

Table 3.1: Raw Materials Classification

	Raw Materials *Applicable Standards*	**[No Attribute]** *None*	**Organic In-Conversion** *GOTS/GRTS/OCS*	**Organic** *GOTS/GRTS/OCS*	**Recycled Pre/Post-Consumer** *GOTS/GRTS*	**Recycled pre-Consumer** ***RCS/GRS***	**Recycled post-consumer** *RCS/GRS*	**Responsible** ***RAF/RDS***	**Responsibly Produced** ***GRTS***	**Recycled Pre-Consumer Organic** *GOTS/GRTS*
ANIMAL-BASED	Alpaca	RM0001	RM0002	RM0003	RM0004	RM0005	RM0006	RM0007	RM9001*	RM0400
	Angora	RM0008	RM0009	RM0010	RM0011	RM0012	RM0013	–	RM9008*	RM0401
	Camel	RM0014	RM0015	RM0016	RM0017	RM0018	RM0019	–	RM9014*	RM0402
	Cashmere	RM0020	RM0021	RM0022	RM0023	RM0024	RM0025	–	RM9020*	RM0403
	Down	RM0026	RM0027	RM0028	RM0029	RM0030	RM0031	RM0032	RM9026*	–
	Feather	RM0033	RM0034	RM0035	RM0036	RM0037	RM0038	RM0039	RM9033*	–
	Mixed down and feather	–	–	–	–	–	–	RM0330 RM0331 (PFC)	–	–
	Grease	RM0344	RM0345	RM0346	RM0347	RM0348	RM0349	RM0350	–	–
	Guanaco	RM0040	RM0041	RM0042	RM0043	RM0044	RM0045	–	RM9040*	RM0406
	Llama	RM0046	RM0047	RM0048	RM0049	RM0050	RM0051	–	RM9046*	RM0407
	Leather bovine (cattle, calf)	RM0365	RM0366	RM0367	RM0368	RM0369	RM0370	RM0371	–	–
	Leather caprine (goat)	RM0379	RM0380	RM0381	RM0382	RM0383	RM0384	RM0385	–	–
	Leather ovine (sheep)	RM0358	RM0359	RM0360	RM0361	RM0362	RM0363	RM0364	–	–
	Leather porcine (pig)	RM0372	RM0373	RM0374	RM0375	RM0376	RM0377	RM0378	–	–
	Leather fibre	RM0351	RM0352	RM0353	RM0354	RM0355	RM0356	RM0357	–	–
	Leather other	RM0052	RM0053	RM0054	RM0055	RM0056	RM0057	RM0425	–	–
	Mohair	RM0058	RM0059	RM0060	RM0061	RM0062	RM0063	RM0064	RM9058*	RM0408
	Shearling	RM0337	RM0338	RM0339	RM0340	RM0341	RM0342	RM0343	–	–

	Raw Materials *Applicable Standards*	[No Attribute] *None*	Organic In-Conversion *GOTS/GRTS/OCS*	Organic *GOTS/GRTS/OCS*	Recycled Pre/Post-Consumer *GOTS/GRTS*	Recycled pre-Consumer *RCS/GRS*	Recycled post-consumer *RCS/GRS*	Responsible *RAF/RDS*	Responsibly Produced *GRTS*	Recycled Pre-Consumer Organic *GOTS/GRTS*
PLANT-BASED	Silk	RM0065	RM0066	RM0067	RM0068	RM0069	RM0070	–	RM9065*	RM0409
	Vicuna	RM0071	RM0072	RM0073	RM0074	RM0075	RM0076	–	RM9071*	RM0410
	Wool	RM0077	RM0078	RM0079	RM0080	RM0081	RM0082	RM0083	RM9077*	RM0411
	Yak	RM0084	RM0085	RM0086	RM0087	RM0088	RM0089	–	RM9084*	RM0412
	Animal fibre, Other	RM0426	RM0427	RM0332	RM0333	RM0334	RM0335	RM0336	–	–
	Bamboo	RM0090	RM0091	RM0092	RM0093	RM0094	RM0095	–	RM9090*	RM0413
	Coir	RM0096	RM0097	RM0098	RM0099	RM0100	RM0101	–	RM9096*	RM0414
	Cotton	RM0102	RM0103	RM0104	RM0105	RM0106	RM0107	–	RM9102*	RM0415
	Flax (linen)	RM0108	RM0109	RM0110	RM0111	RM0112	RM0113	–	RM9108*	RM0416
	Hemp	RM0114	RM0115	RM0116	RM0117	RM0118	RM0119	–	RM9114*	RM0417
	Jute	RM0120	RM0121	RM0122	RM0123	RM0124	RM0125	–	RM9120*	RM0418
	Kapok	RM0126	RM0127	RM0128	RM0129	RM0130	RM0131	–	RM9126*	RM0419
	Natural rubber	RM0132	RM0133	RM0134	RM0135	RM0136	RM0137	–	RM9132*	–
	Nettle	RM0138	RM0139	RM0140	RM0141	RM0142	RM0143	–	RM9138*	RM0421
	Ramie	RM0144	RM0145	RM0146	RM0147	RM0148	RM0149	–	RM9144*	RM0422
	Sisal	RM0150	RM0151	RM0152	RM0153	RM0154	RM0155	–	RM9150*	RM0423
SYNTHETIC	Acrylic	RM0156	–	–	RM0157	RM0158	RM0159	–	–	–
	Acrylonitrile Butadiene Styrene (ABS)	RM0268	–	–	RM0269	RM0270	RM0271	–	–	–
	Elastane (spandex)	RM0160	–	–	RM0161 RM9161* (T2T)	RM0162 RM0306 (VR2)	RM0163 RM0307 (VR2)	–	RM9160*	–
	Elastomultiester (elasterell-P)	RM0164	–	–	RM0165 RM9165* (T2T)	RM0166 RM0308 (VR2)	RM0167 RM0309 (VR2)	–	RM9164*	–

Raw Materials *Applicable Standards*	[No Attribute] *None*	Organic In-Conversion *GOTS/GRS/OCS*	Organic *GOTS/GRS/OCS*	Recycled Pre/Post-Consumer *GOTS/GRS*	Recycled pre-Consumer *RCS/GRS*	Recycled post-consumer *RCS/GRS*	Responsible *RAF/RDS*	Responsibly Produced *GRTS*	Recycled Pre-Consumer Organic *GOTS/GRTS*
Ethylene vinyl acetate	RM0168	–	–	RM0169	RM0170	RM0171	–	–	–
Latex	RM0172	RM0173	RM0174	RM0175	RM0176	RM0177	–	–	–
Modacrylic	RM0178	–	–	RM0179	RM0180	RM0181	–	–	–
Polyamide (nylon)	RM0182	–	–	RM0183 RM9183* (T2T)	RM0184 RM0310 (VR2)	RM0185 RM0311 (VR2)	–	RM9182*	–
Polybutylene Terepthalate (PBT)	RM0386	–	–	RM0388	RM0389 RM0391 (VR2)	RM0390 RM0392 (VR2)	–	–	–
Polycarbonate (PC)	RM0272	–	–	RM0273	RM0274	RM0275	–	–	–
Polycarbonate-acrylonitrile butadiene styrene (PC-ABS)	RM0276	–	–	RM0277	RM0278	RM0279	–	–	–
Polyester	RM0186	–	–	RM0187 RM9187* (T2T)	RM0188 RM0312 (VR2)	RM0189 RM0313 (VR2)	–	RM9186*	–
Polyethylene	RM0190	–	–	RM0191	RM0192	RM0193	–	–	–
Polyethylene terephthalate (PET)	RM0194	–	–	RM0195	RM0196 RM0314 (VR2)	RM0197 RM0315 (VR2)	–	–	–
Polylactic acid (PLA)	RM0198	–	–	RM0199	RM0200	RM0201	–	RM9198*	–
Polypropylene	RM0202	–	–	RM0203 RM9203* (T2T)	RM0204	RM0205	–	RM9202*	–
Polystyrene	RM0206	–	–	RM0207	RM0208	RM0209	–	–	–

	Raw Materials *Applicable Standards*	[No Attribute] *None*	Organic In-Conversion *GOTS/GRTS/OCS*	Organic *GOTS/GRTS/OCS*	Recycled Pre/Post-Consumer *GOTS/GRTS*	Recycled pre-Consumer *RCS/GRS*	Recycled post-consumer *RCS/GRS*	Responsible *RAF/RDS*	Responsibly Produced *GRTS*	Recycled Pre-Consumer Organic *GOTS/GRTS*
	Polyurethane	RM0210	–	–	RM0211 RM9211* (T2T)	RM0212	RM0213	–	RM9210*	–
	Synthetic Rubber	RM0280	–	–	RM0281	RM0282	RM0283	–	–	–
	Thermoplastic Elastomer (TPE)	RM0284	–	–	RM0285	RM0286	RM0287	–	–	–
	Thermoplastic Rubber (TPR)	RM0288	–	–	RM0289	RM0290	RM0291	–	–	–
CELLULOSIC	Acetate	RM0218	–	–	RM0219	RM0220 RM0316 (VR2)	RM0221 RM0317 (VR2)	–	–	–
	Cupro	RM0222	–	–	RM0223	RM0224 RM0318 (VR2)	RM0225 RM0319 (VR2)	–	–	–
	Diacetate	RM0393	RM0394	–	RM0395	RM0396 RM0398 (VR2)	RM0397 RM0399(VR2)	–	–	–
	Lyocell	RM0226	–	–	RM0227	RM0228 RM0320 (VR2)	RM0229 RM0321 (VR2)	–	RM9226* RM0304 (only for GOTS sustainably sourced)	–
	Modal	RM0230	–	–	RM0231	RM0232 RM0322 (VR2)	RM0233 RM0323 (VR2)	–	RM9230*	–
	Triacetate	RM0234	–	–	RM0235	RM0236 RM0324 (VR2)	RM0237 RM0325 (VR2)	–	–	–
	Viscose (rayon)	RM0238	–	–	RM0239	RM0240	RM0241	–	RM9238*	–

	Raw Materials *Applicable Standards*	**[No Attribute]** *None*	**Organic In-Conversion** *GOTS/GRTS/OCS*	**Organic** *GOTS/GRTS/OCS*	**Recycled Pre/Post-Consumer** *GOTS/GRTS*	**Recycled pre-Consumer** ***RCS/GRS***	**Recycled post-consumer** *RCS/GRS*	**Responsible** ***RAF/RDS***	**Responsibly Produced** ***GRTS***	**Recycled Pre-Consumer Organic** *GOTS/GRTS*
						RM0326 (VR2)	RM0327 (VR2)			
INORGANIC	Copper	RM0292	–	–	RM0293	RM0294	RM0295	–	–	–
	Glass	RM0242	–	–	RM0243	RM0244	RM0245	–	–	–
	Iron	RM0296	–	–	RM0297	RM0298	RM0299	–	–	–
	Metal	RM0246	–	–	RM0247	RM0248	RM0249	–	–	–
	Zinc	RM0300	–	–	RM0301	RM0302	RM0303	–	–	–
MISC.	Metallic fibres	RM0254	–	–	RM0255	RM0256	RM0257	–	–	–
	Mixed fibres	RM0258	–	–	RM0259	RM0260	RM0261	–	–	–
	Protein	RM0214	–	–	RM0215	RM0216	RM0217	–	RM9214*	–
	Wood	RM0250	–	–	RM0251	RM0252	RM0253	–	–	–
	Other	RM0262	RM0263	RM0264	RM0265	RM0266 RM0428 (VR2)	RM0267 RM0429 (VR2)	–	–	–
	Dummy	RM0999	–	–	–	–	–	–	–	–

*Updated in V2.0 of this document. “Responsibly Produced” column for GRTS is included in this table.

3.2 Process Categories

3.2.1 Table 3.2 provides a list of process categories and examples of the specific processes that it covers. If only a specific process is applicable, users are advised to use a *User Specific Term*.

3.2.2 [4]For Textile Exchange standards, if the listed processes are carried out by homeworkers, a *User Specific Term* should be applied, specifying the process followed by "homeworkers" (e.g. weaving – homeworkers).

3.2.3 The category "No processing" (PR0000) shall be the default category where no other process categories (e.g. trading) is suitable. The only use for this is in the Facilities Appendix of a Scope Certificate, namely for cases where the facility is neither directly involved in the actual processing of the certified goods nor has a specific code listed in the Table 3.2 (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.

3.2.4 A facility is considered to be processing if any process category marked as processing in Table 3.2 applies. A processor site may also qualify for any non-processing process code except for PR0000. A processor subcontractor may also qualify for non-processing process codes which have physical possession (see 3.2.5).

3.2.5 A site is considered to take physical possession if any process category marked as physical possession in Table 3.2 applies. A site with physical possession may also qualify for any non-physical possession process code except for PR0000. Subcontractors do not qualify for process codes marked as not having physical possession.

Table 3.2: Process Category Classification

CODE	PROCESS CATEGORY	COVERAGE EXAMPLES
PR0000	No processing	See 3.2.3
PR0003	Biological recycling	-
PR0043	Biological recycling (VR2)	Biological recycling with a VR2 process applied
PR0001	Boiling	Applicable to GOTS and OCS (e.g. silk processing)
PR0035	Brand	An organisation that controls the design, development, and purchase of final products for sale under their own name. Brands may sell to wholesalers, retailers, or directly to consumers. This does not include organisations who sell a branded intermediate product for use in further processing steps.
PR0002	Breeding	Applicable to RDS only
PR0041	Buying house[5]	Legal ownership of material with outsourced processing.
PR0004	Chemical recycling	-

[4] Greyed-out sections in this document are not applicable to Global Standards.

[5] For Global Standards, refer to "Trading, PR0030"

CODE	PROCESS CATEGORY	COVERAGE EXAMPLES
PR0042	Chemical recycling (VR2)	Chemical recycling with a VR2 process applied
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, fibre dyeing, yarn dyeing, etc.
PR0009	Embroidery, embellishment	-
PR0010	Extrusion	Extrusion under melt spinning, wet spinning, dry spinning, gel spinning, etc.
PR0046	Extrusion (VR2)	Extrusion with a VR2 process applied
PR0011	Farming (group)	Farm production for a member of a *farm group* (applicable to RAF and RDS only).
PR0036	Farming (individual)	Farm production for an *individual farm* (applicable to RAF and RDS only).
PR0037	Farming (area)	Farm production for a *farm area* (applicable to RDS only).
PR0038	Farming (communal)	Farm production for a member of a *communal farmer group* (applicable to RAF only).
PR0012	Finishing	Coating, singeing, desizing, vaporising, gassing, easy-care treatment, wet processing, etc.
PR0013	Ginning	Ginning, delinting, etc.
PR0051	Grading	Wool grading.
PR0014	Hatching	-
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, garneting, cotton/polyester recycling, etc.
PR0044	Mechanical recycling (VR2)	Mechanical recycling with a VR2 process
PR0018	Moulding	Aluminium moulding or injection moulding.
PR0019	Non-woven manufacturing	Mechanical, thermal, chemical and solvent processes (e.g. spun lace, heat-bonded, pulp air-laid, wet, spunbonded, melt-blown, acupuncture, stitch, hydroentangling).
PR0045	Non-woven manufacturing (VR2)	Non-woven manufacturing with a VR2 process applied
PR0020	Packing	Packing, labelling, etc.
PR0021	Pre-treatment	Gassing, singeing, sizing, desizing, scouring (excluding GOTS and OCS first processor and RAF animal fibres), mercerisation, bleaching, carbonising, 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.
PR0047	Pulp making (VR2)	Pulp making with a VR2 process applied
PR0025	Retail sales	-
PR0039	Retting	Applicable for bast fibres only.

CODE	PROCESS CATEGORY	COVERAGE EXAMPLES
PR0040	Scouring	Applicable for GOTS and OCS (RAF animal fibres only) first processor
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, texturising, etc.
PR0028	Tanning	-
PR0049	Tapping	Latex tapping
PR0029	Top making	Wool/synthetic top making process.
PR0030	Trading	Import, export or domestic trading. For GOTS, a buying house shall be considered a trader.
PR0050	Tufting	Carpet and rug tufting
PR0048	Warehousing, distribution of final products	Limited to final products
PR0031	Warehousing, distribution of non-final products	Limited to non-final products
PR0032	Washing, laundering	Washing/laundering of garment, fabric, denim, yarn, fibre or any other material.
PR0033	Weaving	All woven fabric plain, twill, satin, sateen, honeycomb, terry, denim, jacquard weaving, etc.
PR0034	Other	-
PR9999	Write-off / Dummy	Recognition that a portion of the inventory no longer holds value as a certified material for reasons such as loss, theft, deterioration, disposal as non-certified material etc.

*Updated in V2.0 of this document.

3.2.6 Guidance on specific process categories is provided in the following:

3.2.6.1 **Packing (PR0020)** - This process category is considered to be processing and shall only be used when the packing carries a risk of product contamination or a change in labels relating to the certification. It is not intended for facilities which are distributing discrete products and not applying labels.

Examples of packing: Bagging of lint cotton; applying hangtags of the Standard's logo to garments; packing individual socks into 10-packs for retail sale.

Examples that are not considered packing: Picking finished garments (style, size, colour) and boxing them together for shipment to an individual retail store; Adding or removing polybags on garments, unless the polybags carry the Standard's logo; Putting non-certified products into GRS-certified packaging

3.2.6.2 **Trading (PR0030)** - This process category shall only apply to entities that are purchasing and selling certified goods (intermediate or final) without processing them, i.e. inputs and outputs are identical for some products across all sites within the same Scope Certificate. An office-only site of a manufacturer shall not list “trading” as a process category unless the organisation purchases and sells any certified goods that are not processed at any of their listed facilities.

3.2.6.3 **Warehousing, distribution of final products (PR0048) and of non-final products (PR0031)** – These process categories shall only apply to facilities that are physically handling products without processing them, i.e. inputs and outputs from the facility are identical.

3.3 Product Categories

Appendix B - Mapping of Product Categories and Product Details and *Appendix D - Illustrative Examples* provide guidance on how to use the product categories and product details.

Table 3.3: Product Category Classification

CODE	PRODUCT CATEGORY	CODE	PRODUCT CATEGORY
PC0001	Men's apparel	PC0024	Toys
PC0002	Women's apparel	PC0025	Dyed fabrics
PC0003	Babies' apparel	PC0026	Greige fabrics
PC0004	Children's apparel	PC0027	Undyed fabrics
PC0005	Unisex apparel	PC0039	Printed fabrics
PC0006	Men's denim apparel	PC0028	Fabrics
PC0007	Women's denim apparel	PC0029	Dyed yarns
PC0008	Children's denim apparel	PC0030	Greige yarns
PC0009	Unisex denim apparel	PC0031	Undyed yarns
PC0010	Home textiles	PC0032	Tops
PC0011	Carried accessories	PC0033	Dyed fibres
PC0012	Worn accessories	PC0034	Undyed fibres
PC0013	Personal care, hygiene	PC0035	Processed post-consumer materials
PC0014	Medical	PC0036	Unprocessed post-consumer fibres/materials
PC0015	Bedding	PC0037	Reclaimed post-consumer materials
PC0016	Footwear	PC0040	Reclaimed pre-consumer materials
PC0017	Functional accessories	PC0041	Processed pre-consumer materials
PC0018	Outdoor	PC0042	Unprocessed pre-consumer fibres/materials
PC0019	Industrial, technical	PC0043	Grease
PC0020	Filling, Stuffing	PC0044	Latex and rubber material
PC0021	Paper products	PC0045	Unprocessed non-reclaimed fibers/materials
PC0022	Hard goods	PC0038	Other
PC0023	Packaging	PC9999	Write-off / dummy

*Updated in V2.0 of this document

3.4 Product Details

Appendix B - Mapping of Product Categories and Product Details and *Appendix D - Illustrative Examples* provide guidance on how to use the product categories and product details.

Table 3.4: Product Details Classification

Code	Product detail	Code	Product detail
PD0001	Overcoats, jackets, vests	PD0058	Knitted fabrics
PD0002	Suits, suit- pants	PD0059	Woven fabrics
PD0003	Pants, trousers	PD0060	Terry fabrics
PD0004	Sweaters, pullovers, cardigans	PD0061	Denim fabrics
PD0005	Shirts, blouses	PD0062	Non-woven fabrics
PD0006	Undergarment, sleepwear, robes	PD0063	Special fabrics
PD0007	T-shirts, singlets	PD0064	Leather
PD0008	Activewear, sportswear	PD0065	Bonded leather
PD0009	Socks, hosiery	PD0066	Open-end yarns
PD0010	Workwear, uniforms	PD0067	Carded yarns
PD0011	Dresses, skirts	PD0101	Semi-combed yarns
PD0012	Brassieres, suspenders, garters	PD0102	Normally combed yarns
PD0013	Babies' clothing	PD0103	Highly combed yarns
PD0014	Babies' accessories	PD0068	Super combed yarns
PD0015	Bed linen, bed sheets	PD0069	Filament
PD0016	Table linen, tablecloth, napkins	PD0070	Yarns for hand knitting
PD0017	Towels, kitchen linen, toilet linen	PD0071	Core-spun yarns
PD0018	Food contact textiles	PD0072	Fancy yarns
PD0019	Blankets, bedspreads, quilts	PD0073	Tops
PD0020	Curtains, blinds	PD0074	Lint cotton
PD0021	Upholstery	PD0075	Raw fibres
PD0022	Carpets, rugs, floor coverings	PD0076	Raw silk
PD0023	Pillows, cushions	PD0077	Combed fibres
PD0024	Bags, handbags, totes, pouches	PD0078	Scoured fibres
PD0025	Luggage, suitcases	PD0079	Staple fibres
PD0026	Gloves, mittens, hand covering	PD0080	Mixed fibres
PD0027	Neckties, bow ties, cravats	PD0081	By-products
PD0028	Scarves, shawls, veils	PD0082	Comber noil
PD0029	Handkerchiefs	PD0083	Cotton linter
PD0030	Hats, caps, head coverings	PD0084	Tanned hide
PD0031	Belts	PD0085	Chips (pellets)
PD0032	Topical products	PD0086	Flakes
PD0033	Invasive products	PD0087	Popcorns
PD0034	Mattresses	PD0088	Seed cotton (raw cotton)
PD0035	Shoes	PD0089	Greasy wool
PD0036	Buttons	PD0090	Silk cocoons
PD0037	Zippers	PD0091	Greasy animal hair
PD0038	Labels, tags	PD0092	Pulp
PD0039	Trimmings	PD0093	Rawhide
PD0040	Interlining	PD0094	Reclaimed bottles

Code	Product detail	Code	Product detail
PD0041	Sewing threads	PD0095	Reclaimed fishing nets
PD0042	Tents, sails, camping goods	PD0096	Reclaimed textiles
PD0043	Tarpaulins, awnings	PD0097	Reclaimed ocean wastes
PD0044	Sleeping bags	PD0098	Reclaimed process wastes
PD0045	Automotive parts, upholstery	PD0099	Reclaimed down, feathers
PD0046	Building materials	PD0104	Woolen yarns
PD0047	Down, feather	PD0105	Semi-worsted yarns
PD0048	Man-made fibre filling	PD0106	Worsted yarns
PD0049	Natural fibre filling	PD0107	Lanolin / wool grease
PD0050	Cardboard, boxes	PD0108	Liquid latex
PD0051	Paper products	PD0109	Prevulcanised rubber latex
PD0052	Envelops, cards	PD0110	Rubber sheets
PD0053	Furniture	PD0111	Rubber crepes
PD0054	Decorative items	PD0112	Composite material
PD0055	Packing sacks, bags	PD0100	Other
PD0056	Soft toys	PD9999	Write off / dummy
PD0057	Hard toys		

*Updated in V2.0 of this document.

3.5 Organic Standards

3.5.1 Global Standards and Textile Exchange recognise all organically grown material inputs from farms certified to one of the IFOAM Family of Standards by an accredited Certification Body. The listing given here is for guidance alone. The IFOAM website should be checked for the most updated list.

Table 3.5: IFOAM Organic Farming Standards

Code	Organic Standard	Region
OS0001	Biocyclic Vegan Standard	Global
OS0002	IFOAM Standard	Global
OS0003	International Standard for Forest Garden Products (FGP)	Global
OS0004	East African Organic Products Standard (EAOPS)	Africa
OS0049	Ecological Organic Standard for Ghana	Africa
OS0005	Fédération Nationale pour l' Agriculture Biologique (FENAB) Standard, Senegal	Africa
OS0051	National Organic Regulation of Morocco	Africa
OS0006	South African Organic Sector Organisation (SAOSO) Standard, South Africa	Africa
OS0050	Togo Organic Standard	Africa
OS0007	Tunisia Organic Regulation	Africa
OS0009	Argentina Organic Regulation	Americas
OS0010	Canada Organic Regulation	Americas

Code	Organic Standard	Region
OS0012	Costa Rica Organic Regulation	Americas
OS0013	Ecuador Organic Regulation	Americas
OS0014	IBD Organic Guidelines, Brazil	Americas
OS0015	OIA Organic Standards, Argentina	Americas
OS0016	USA Organic Regulation (US-NOP)	Americas
OS0018	ASEAN Standard for Organic Agriculture (ASOA)	Asia
OS0019	Asian Regional Organic Standard (AROS)	Asia
OS0053	Bhutan Organic Standard	Asia
OS0052	BIO-KG Standard, Kyrgyzstan	Asia
OS0021	Certification Alliance Organic Standard (CertAll)	Asia
OS0022	China Organic Regulation (China National Organic Product Standard)	Asia
OS0025	Earth Tag Organic Standard, Malaysia	Asia
OS0026	HKORC Organic Standard, Hong Kong	Asia
OS0027	India Organic Regulation (India-NPOP)	Asia
OS0028	Israel Organic Regulation	Asia
OS0029	Japan Organic & Natural Foods Association (JONA) Organic Standard, Japan	Asia
OS0030	Japan Organic Regulation (JAS)	Asia
OS0031	Korea Organic Regulation	Asia
OS0032	MASIPAG Organic Standards, Philippines	Asia
OS0033	OFDC Organic Certification Standard, China	Asia
OS0035	Sunshine Earth Organic Standard, China	Asia
OS0054*	Kazakhstan Organic Revolution*	Asia
OS0055*	Taiwan Organic Regulation*	Asia
OS0056*	VOAA Organic Standard, Vietnam*	Asia
OS0038	EU Organic Regulation	Europe
OS0039	Nature & Progrès Standards, France	Europe
OS0040	Switzerland Organic Regulation	Europe
OS0042	Turkey Organic Regulation	Europe
OS0043	AsureQuality Organic Standard, New Zealand	Oceania
OS0046	National Standard for Organic and Bio-Dynamic Produce, Australia	Oceania
OS0047	New Zealand Organic Export Regulation	Oceania
OS0048	Pacific Organic Standard, Pacific Community	Oceania

*Updated in V2.0 of this document

4 APPENDICES AND EXAMPLES

Appendix A - Raw Materials Mapping

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

	EU REGULATION	CLASSIFICATION
Animal	Alpaca	Alpaca
	Angora	Angora
	Animal hair	Other
	Beaver	Other
	Camel	Camel
	Cashgora	Other
	Cashmere	Cashmere
	Guanaco	Guanaco
	Llama	Llama
	Mohair	Mohair
	Otter	Other
	Silk	Silk
	Vicuna	Vicuna
	Wool	Wool
	Yak	Yak
	–	Down
	–	Feather
	–	Leather
Plant	Abaca	Other
	Broom	Other
	Coir	Coir
	Cotton	Cotton
	Flax (or linen)	Flax (linen)
	Henequen	Other
	Jute	Jute
	Kapok	Kapok
	Maguey	Other
	Ramie	Ramie
	Sisal	Sisal
	Sunn	Other
	True hemp	Hemp
	–	Bamboo
	–	Natural rubber
	–	Nettle

	EU REGULATION	CLASSIFICATION
Synthetic	Acrylic	Acrylic
	Aramid	Other
	Chlorofibre	Other
	Elastane	Elastane (spandex)
	Elastodiene	Other
	Elastolefin	Other
	Elastomultiester	Elastomultiester
	Fluorofibre	Other
	Melamine	Other
	Modacrylic	Modacrylic
	Polyacrylate	Other
	Polyamide or nylon	Polyamide (nylon)
	Polycarbamide	Other
	Polyester	Polyester
	Polyethylene	Polyethylene
	Polyimide	Other
	Polylactide	Other
	Polypropylene	Polypropylene
	Polypropylene/polyamide bicomponent	Other
	Polyurethane	Polyurethane
	Protein	Protein
	Trivinyl	Other
	Vinylal	Other
	–	Ethylene vinyl acetate
	–	Latex
	–	Polyethylene terephthalate (PET)
	–	Polylactic acid (PLA)
	–	Polystyrene
Cellulosic	Acetate	Acetate
	Cupro	Cupro
	Alginate	Other
	Lyocell	Lyocell
	Modal	Modal
	Triacetate	Triacetate

	EU REGULATION	CLASSIFICATION			EU REGULATION	CLASSIFICATION
	–	Protein			Viscose	Viscose
Inorganic	Glass fibre	Glass		Misc.	–	Metallic fibres
	–	Metal			–	Mixed fibres
	–	Wood			–	Other

Appendix B - Mapping of Product Categories and Product Details[6]

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. upholstery), users are recommended to select the whole product[7] (i.e., furniture) and specify the component in *User Specific Term*.

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 Babies' apparel Unisex apparel	See "Men's apparel" or "Women's apparel."	See "Men's apparel" or "Women's apparel."	

[6] Note: the table provides a general example for the common purpose, and there may be specific instances where GOTS/GRTS criteria are not applicable. It is advisable to refer to the respective standards in the relevant sections to ensure the content aligns with GOTS/GRTS criteria.

[7] GOTS/GRTS certifies the entire product and not a specific component of the product. As an example, a jacket is certified as a whole. The lining of a jacket alone cannot be certified and labelled as GOTS/GRTS on a finished product.

PRODUCT CATEGORY	PRODUCT DETAIL	HS CODE (H3)	GUIDANCE
Men's denim apparel			
Women's denim apparel			
Children's denim apparel			
Unisex denim apparel			
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	

PRODUCT CATEGORY	PRODUCT DETAIL	HS CODE (H3)	GUIDANCE
Filling, stuffing	– Down, feather – Man-made fibre filling – Natural fibre filling	– 050510 – n/a – n/a	"Down, feather" takes precedence over "Natural fibre filling."
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 fabrics that are 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 – Semi-combed yarns – Normally combed yarns – Highly combed yarns – Super 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" refers to the yarn output of spinning processes. "Undyed yarns" refers to the yarn output from pre-treatment, ready for dyeing (RFD).

PRODUCT CATEGORY	PRODUCT DETAIL	HS CODE (H3)	GUIDANCE
	– Filament – Yarn for hand knitting – Core-spun yarns – Fancy yarns – Sewing threads	– 5402-06, 5503, 5504, 5506, 5507, 5501, 5502 – n/a – n/a – 5604-09 – 5204, 5401, 5508	"Dyed yarns" refers to the yarn output of dyeing processes. 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. Where mélange or embroidered yarn is a certified product, users are required to specify "Mélange yarns" or "Embroidery yarns" as a *User Specific Term* for product detail. Combing applied to different spinning processes produces combed yarns of varying quality that must be differentiated: • Semi-combed (upgrading) with a noil percentage below 12%, • Normally combed, with a noil percentage between12 and 18%, • Highly combed, with a noil percentage between 18 and 22%, and • Super combed, with a noil percentage above 22%.
Undyed yarns	– Open-end yarns – Carded yarns – Semi-combed yarns – Normally combed yarns – Highly combed yarns – Super combed yarns – Filament – Yarn for hand knitting – Core-spun yarns – Fancy yarns – Sewing threads	– 520511/12/14/24, 520632 – 5106, 510810, 520513-15, 520611-15 – 5107, 510820, 520521-23/26-28, 520621-25, 520641-45 – 5402-06, 5503, 5504, 5506, 5507, 5501, 5502 – n/a – n/a – 5604-09 – 5204, 5401, 5508	
Dyed yarns	– Open-end yarns – Carded yarns – Semi-combed yarns – Normally combed yarns – Highly combed yarns – Super combed yarns – Yarn for hand knitting – Core-spun yarns – Fancy yarns – Sewing threads	– 520511/12/14/24, 520632 – 5106, 510810, 520513-15, 520611-15 – 5107, 510820, 520521-23/26-28, 520621-25, 520641-45 – n/a – n/a – 5604-09 – 5204, 5401, 5508	
Tops	– Tops	– 5105	
Undyed fibres	– Lint cotton – Raw fibres – Raw silk – Combed fibres – Soured fibres – Staple fibres – Mixed fibres – By-products – Comber noil – Cotton linter	– 5203 – 530110-30, 5302, 5303, 5305 – 5002 – n/a – 510121-30, 5102 – n/a – 5202, 530130, 530290, 530390, 5305, 5003, 5006, 5103-04, 5505 – n/a – n/a – n/a	"Raw fibres" is applicable to all plant-based fibres (e.g. flax, hemp, jute, coconut, abaca, ramie). "Combed fibres" is applicable to combed wool and combed animal hair. "Staple fibres" and "Filament" is applicable to all cellulosic and synthetic fibres. "Comber noil" and "Cotton linter" takes precedence over "By-product.". When "By-products" are used as product details, users are required to specify the details as *User Specific Terms*.
Dyed fibres	– Lint cotton – Raw fibres – Raw silk	– 5203 – 530110-30, 5302, 5303, 5305 – 5001, 5002	"Raw fibres" is applicable to all plant-based fibres (e.g. flax, hemp, jute, coconut, abaca, ramie).

PRODUCT CATEGORY	PRODUCT DETAIL	HS CODE (H3)	GUIDANCE
	– Combed fibres – Soured fibres – Staple fibres – Filament – Mixed fibres – By-products – Comber noil	– n/a – 510121-30, 5102 – 5503, 5504, 5506, 5507 – 5501, 5502 – n/a – n/a – n/a	"Combed fibres" is applicable to combed wool and combed animal hair. "Staple fibres" and "Filament" is applicable to all cellulosic and synthetic fibres. "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 fibres. "Pulp" includes wood pulp, cotton pulp, cotton linter pulp, etc. Users are required to specify the details as a *User Specific Term*.
Unprocessed fibres/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 fibres.
Reclaimed pre-consumer materials Reclaimed post-consumer 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[8]

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	–	Breeding Farm production Slaughtering	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	– Prepatory	Knitting Weaving	Knitted fabric Woven fabric	
										Fancy yarns				
		–	–	–	–	–	Spinning	–	–	Others	–	Knitting	Special fabric	

[8] Note: The table provides a general example for common purposes, and there may be specific instances where GOTS/GRTS criteria are not applicable. It is advisable to refer to the respective standards in the relevant sections to ensure the content aligns with GOTS/GRTS requirements.

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* shall 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 Term* shall be generic and shall not, under any circumstances, contain tradenames, names of standards, programs, or initiatives, or names of breeds, varieties, or species. The use of *User Specific Terms* 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:** **User Specific Term applied:**	Ginning (PR0013) Ginning and delinting (PR0013)
✓	**Official raw material:** **User Specific Term applied:**	Other (RM0262) Silver (RM0262)

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

Example 1: GOTS Goods - Cotton Linter

As a by-product of the Ginning (PR0013) process, the Cotton linter (PD0083) product detail should be applied to the Undyed fibres (PC0034) product category. Users should specify "delinting" as a *User Specific Term* of the Ginning process for specificity.

Scope Certificate – Cover Page

Product category	Undyed fibres (PC0034)
Processing step/activity	Ginning [Ginning and delinting] (PR0013)

Scope Certificate – Product Appendix

Product category	**Product detail**	**Material composition**	**Label Grade**[9]

[9] Only applicable to GOTS goods.

Undyed fibres (PC0034)	Lint cotton (PD0074)	100% Organic cotton (RM0104)	Organic
Undyed fibres (PC0034)	Cotton linter (PD0083)	100% Organic cotton (RM0104)	Organic

Example 2: GOTS Goods – Yarns, Comber Noil, and Tops

Open-end yarns (PD0066), Carded yarns (PD0067), Semi-combed yarns (PD00101), Normally combed yarns (PD0102), Highly combed yarns (PD0103), and Super 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, the Comber noil (PD0082) product detail should be applied to either Dyed fibres (PC0033) or Undyed fibres (PC0034) product categories.

Scope Certificate – Cover Page

Product category	Greige yarns (PC0030); Undyed fibres (PC0034); Tops (PC0032)
Processing step/activity	Spinning (PR0027); Top making (PR0029)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Label Grade
Greige yarns (PC0030)	Open-end yarns (PD0066)	100% Organic cotton (RM0104)	Organic
Greige yarns (PC0030)	Core-spun yarn (PD0071)	97% Organic cotton (RM0104) + 3% Elastane (spandex) (RM0160)	Organic
Undyed fibres (PC0034)	Comber noil (PD0082)	100% Organic cotton (RM0104)	Organic
Greige yarns (PC0030)	Carded yarns (PD0067)	100% Organic wool (RM0079)	Organic
Greige yarns (PC0030)	Super combed yarns (PD0068)	100% Organic wool (RM0079)	Organic
Greige yarns (PC0030)	Core-spun yarn (PD0071)	97% Organic wool (RM0079) + 3% Elastane (spandex) (RM0160)	Organic
Greige yarns (PC0030)	Super Combed yarns (PD0068)	70% Organic wool (RM0079) + 30% Lyocell (RM0304)	Made with organic materials
Greige yarns (PC0030)	Combed yarns (PD0068)	90% Organic wool (RM0079) + 10% Lyocell (RM0226)	Made with organic materials
Undyed fibres (PC0034)	Comber noil [Comber noil - blouse] (PD0081)	100% Organic wool (RM0079)	Organic
Undyed fibres (PC0034)	Combed fibres (PD0098)	100% Organic wool (RM0079)	Organic

Dyed fibres (PC0035)	Combed fibres (PD0098)	100% Organic wool (RM0079)	Organic
Tops (PC0032)	Tops (PD0073)	100% Organic wool (RM0079)	Organic
Dyed yarns (PC0029)	Combed yarns [Embroidery yarns] (PD0068)	100% Organic cotton (RM0104)	Organic
Dyed yarns (PC0029)	Combed yarns (PD0068)	70% Organic cotton (RM0104) + 30% Organic Kapok (RM0128)	Organic

Example 3: GRTS Goods - 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 (PR0022); Weaving (PR0033); Knitting (PR0015); Dyeing (PR0008); Finishing (PR0012); Printing (PR0023)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Label Grade
Dyed fabrics (PC0025)	Terry fabrics (PD0060)	90% Wool, responsible (RM9077) + 5% Polyamide (nylon) (RM0182) + 5% Elastane (spandex) (RM0160)	-
Dyed fabrics (PC0025)	Denim fabrics (PD0061)	60% Organic cotton (RM0104) + 40% Polyester, responsible - GRTS (RM9186)	-
Printed fabrics (PC0039)	Woven fabrics (PD0059)	50% Organic cotton (RM0104) + 49% Polyester, responsible - GRTS (RM9186) + 1% Elastane (spandex) (RM0160)	-
Greige fabrics (PC0026)	Knitted fabrics (PD0058)	65% Organic cotton (RM0104) + 25% Polyester, responsible - GRTS (RM9186) + 10% Polyamide (nylon) (RM0182)	-
Greige fabrics (PC0026)	Woven fabrics (PD0059)	60% Cotton, organic (RM0104) + 40% Polyester, responsible - GRTS (RM9186)	-
Undyed fabrics (PC0027)	Knitted fabrics (PD0058)	90% Wool, responsible (RM9077) + 10% Polyamide (nylon) (RM0182)	-

Example 4: GOTS Goods - Non-woven Fabrics, Special Fabrics

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 (PR0019)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Label Grade
Fabrics (PC0028)	Non-woven fabrics (PD0062)	100% Organic in-conversion wool (RM0078)	Organic in-conversion
Fabrics (PC0028)	Non-woven fabrics (PD0062)	70% Organic cotton (RM0104) + 30% Nettle (RM0138)	Made with organic materials
Fabrics (PC0028)	Special fabrics [laces] (PD0068)	100% Organic in-conversion cotton (RM0103)	Organic in-conversion

Example 5: GOTS Goods - Trims and Accessories

Only trims and accessories that are independently certified as an end-product can be specified as certified products. In such cases, they fall within the Functional accessories (PC0017) product category. Relevant product details within this category include Buttons (PD0036), Zippers (PD0037), Labels, Tags (PD0038), Trimmings (PD0039), Interlining (PD0040), and Sewing threads (PD0041)[10].

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Product category	Functional accessories (PC0017)
Processing step/activity	Dyeing (PR0008); Finishing (PR0012); Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Label Grade
Functional accessories (PC0017)	Labels, tags (PD0038)	100% Organic cotton (RM0104)	Organic
Functional accessories (PC0017)	Interlining (PD0040)	80% Organic cotton (RM0104) + 20% Recycled pre/post-consumer polyester (RM0187)	Made with organic materials

[10] Only those accessories that comply with GOTS fibre composition rules can be certified under GOTS. Accessory certification and accessory approval under GOTS are different options.

Example 6: GRTS Goods - 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 (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Label Grade
Bedding (PC0015)	Mattresses [RestFree™ Mattresses] (PD0034)	100% Cotton, responsible - GRTS (RM9102)	_

Example 7: GRTS Goods - Combined Product

Where a combined product (e.g. bassinet) is the case, users should select the official product code which matches the product as a whole[11] (e.g. furniture) and specify the certified part in *User Specific Term* (e.g.upholstery).

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Product category	Bedding (PC0015)
Processing step/activity	Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Label Grade
Bedding (PC0015)	Upholstery [Bassinet] (PD0021)	100% Polyester, recycled textile-to-textile pre-/post-consumer (RM9187)	-

Example 8: GOTS Goods - Mélange Yarns and Fabrics

For mélange yarns and fabrics, users should select either 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*.

[11] GOTS/GRTS certification covers the entire product and does not certify specific components of the product. As an example, a jacket is certified as a whole. The lining of a jacket alone cannot be certified as GOTS/GRTS goods.

Scope Certificate – Cover Page

Product category	Dyed fibres (PC0033); Dyed yarns (PC0029); Dyed fabrics (PC0025)
Processing step/activity	Pre-treatment (PR0021); Dyeing (PR0008); Finishing (PR0012); Spinning (PR0027); Preparatory (PR0022); Knitting (PR0015)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Label Grade
Dyed fibres (PC0033)	Staple fibres (PD0079)	100% Organic cotton (RM0104)	Organic
Dyed yarns (PC0029)	Open-end yarns [Melange open-end yarns] (PD0066)	96% Organic cotton (RM0104) + 4% Recycled pre/post-consumer polyester (RM0187)	Organic
Dyed fabrics (PC0025)	Knitted fabrics [Melange knitted fabrics] (PD0058)	100% Organic cotton (RM0104)	Organic

Example 9: GOTS Goods - Personal care, Hygiene products, Special Products

Textile personal care, hygiene (PC0013) product category should be applied to the products that are covered under GOTS as Special Products. Please refer to GOTS for their grouping as Topical products (PD0032) or Invasive products (PD0033). In Scope Certificates, the name of the product shall be given as a *User Specific Term* for product details (e.g., tampons, cotton buds, etc.).

Scope Certificate – Cover Page

Product category	Personal care, hygiene (PC0013)
Processing step/activity	Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Label Grade
Personal care, hygiene (PC0013)	Topical products [bandage] (PD0032)	95% Organic cotton (RM0104) + %5 Polyamide (nylon) (RM0182)	Organic
Personal care, hygiene (PC0013)	Topical products [sanitary towels] (PD0032)	100% Organic cotton (RM0104)	Organic
Personal care, hygiene (PC0013)	Invasive products [tampons] (PD0033)	100% Organic cotton (RM0104)	Organic
Personal care, hygiene (PC0013)	Invasive products [cotton buds] (PD0033)	100% Organic cotton (RM0104)	Organic

Example 10: GOTS Goods - Bamboo as bast fibre Product

Where bast fibre is made from the bamboo plant[12].

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Product category	Home Textiles (PC0010)
Processing step/activity	Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Label Grade
Home Textiles (PC0010)	Carpet (PD0022)	100% Organic bamboo (RM0092)	Organic
Carried accessories (PC0011)	Handbags (PD0024)	70% Organic bamboo (RM0092) + 30% Organic jute (RM0122)	Organic

Example 11: GRTS Goods - Home textiles

Home Textiles (PC0010) product category should be applied to the products that are mapped to this category in Appendix B of this document. A *User Specific Term* may be used as per need.

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Product category	Home Textiles (PC0010)
Processing step/activity	Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Label Grade
Home Textiles (PC0010)	Pillows, cushions (PD0023)	60% Cotton, organic (RM0104) + 40% Polyester, responsible - GRTS (RM9186)	-
Home Textiles (PC0010)	Bed linen, bed sheets (PD0015)	100% Polyester, responsible - GRTS (RM9186)	-
Home Textiles (PC0010)	Towels (PD0017)	65% Cotton, organic (RM0104) + 5% Flax (linen) (RM0108) + 30% Lyocell, responsible - GRTS (RM9226)	-

[12] In case viscose (rayon) fibre is made using bamboo plant as cellulose feedstock, only the regenerated fibre code for viscose (rayon) "RM0238" shall be used for the material composition for GOTS products, as additional fibre.

Home Textiles (PC0010)	Blankets (PD0019)	60% Cotton, organic (RM0104) + 40% Polyester, recycled textile-to-textile pre-/post-consumer (RM9187)	-

CHANGE LOG

Version	Effective Date	Change log details from v1.1 to v2.0
V 2.0	October, 2026	• Table 3.1 updated to reflect new RM codes, standard-specific applicability and non-applicable greyed-out entries. • New RM codes introduced for GRTS: RM9001–RM9238. • Attribute “in-conversion“ is reworded as “organic in-conversion“ • New RM codes introduced for Textile-to-textile recycled synthetic fibres. • Table 3.5 is updated to reflect the IFOAM Family of Standards update dated March 31, 2026. • New examples related to the GRTS Standard are added in Appendix D. • Typographical errors and broken links corrected.

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