GIORGIO ARMANI

SUSTAINABILITY REQUIREMENTS FOR MATERIALS AND PROCESSES

GUIDELINES FOR PREFERRED MATERIALS

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1	03/25/2022				
2	07/31/2023	Sustainability Department Armani Group			
3	12/14/2023	sosialitability bepariment Armani Group			
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Introduction

With the goal of **minimizing industrial waste** and **reducing its environmental impact**, the Armani group has intensified its research aimed at using materials of organic origin obtained through recycling or regeneration, as well as second-generation raw materials.

The Armani group's brands are committed to the selection of sustainable raw materials through the increasing use of recycled and organic materials.

In 2021, the group drafted those updated guidelines replacing the previous ASP (Armani sustainability project) protocol and integrating it with new protocols, standards, and sustainability certifications. In particular:

- they provide instructions for each type of material and are a reference for internal departments from design, research and development, to manufacturing and merchandising and for suppliers.
- they refer to "**preferred materials**", according to the definition of <u>Textile Exchange</u>: "A fiber or raw material that delivers consistently reduced impacts and increased benefits for climate, nature, and people against the conventional equivalent, through a holistic approach to transforming production systems."
- they take into account international standards, although the group often go beyond them.

At the completion of these activities, at the end of 2021, work was carried out on the revision of the ASP logo applied on the tags of products (garments and packaging) made from sustainable materials, which, starting from the spring/summer 2023 season, will be replaced, while stocks last, from tags with the ASV - Armani sustainability values logo, in order to better align customer communication with the sustainability strategy.

SUMMARY TABLE FOR MATERIALS, PROCESSES AND CERTIFICATIONS

		Natural Raw Materials		
Sustainability Attribute	Material	Certifications / Protocols / Standards / Brands / Programs		Recommended % Main Material
	Cotton, Linen, Hemp, Silk, Cashmere, Wool	global organic textile standard (gots)		70%
	Cashmere, wool	ORGANIC CONTENT STANDARD (OCS) / OCS blended	۵ ۵	(also in mix)
Organic Material or from Organic Farming	Linen	EUROPEAN FLAX®	European Flax.	-
nvironmental, chemical		BETTER COTTON INITIATIVE (BCI)		-
and social aspects	• "	FAIRTRADE USA	e Fair Trade	-
	Cotton	COTTON MADE IN AFRICA	COTTON	-
		REGENERATIVE ORGANIC CERTIFIED™	Rep Regenerative Cryptone Certified	-
		responsible wool standard (raf)	@	-
		ZQ NATURAL FIBRE	ZQ	-
		GLOBAL ANIMAL PARTNERSHIP	CLOBAL CLOBAL	-
		rspca assured		-
		CERTIFIED ANIMAL WELFARE APPROVED BY A GREENER WORLD		-
	Wool	CERTIFIED HUMANE	CERTIFIED	-
		sustainawool	Sustaina WCOL*	-
		AUTHENTICO	(reger	
		ΝΑΤΙVΑ™	NATIVA	
		LABEL ROUGE VIANDES		-
	Mohair	responsible mohair standard (raf)	E	-
	Alpaca	RESPONSIBLE ALPACA STANDARD (RAF)	©	-
	Other certifications on the procurement of fibers from goat, sheep	- CERTIFIED GRASSFED & ANIMAL WELFARE APPROVED BY AGW - CERTIFIED HUMANE - RSPCA ASSURED - CERTIFIED KAROO MEAT - ORGANIC CERTIFICATION OUTSIDE THE EU - RED TRACTOR - IP SUISSE - WOOLWORTHS FREE RANGE LAMB - FARM ASSURED NAMIBIAN (FAN) MEAT		-
Animal Welfare		GOOD CASHMERE STANDARD® by (AbTF)	N	-
		sustainable fibre alliance (SFA) (*)		-
Traceability	Cashmere	AGRONOMES ET VÉTÉRINAIRES SANS FRONTIÈRES (AVSF)	× AVSF	-
nvironmental, chemical and social aspects (no		GREEN GOLD PROJECT		-
heavy metals)	Down	RESPONSIBLE DOWN STANDARD		-
		GLOBAL TRACEABLE DOWN STANDARD (TDS)	KIF HOL	-
		EDFA CODE OF CONDUCT AND TRACEABILITY STANDARD		
		LEATHER WORKING GROUP (Audited, Bronze, Silver, Gold)		-
	Leather	ICEC TS SC410	~	-
		ICEC TS PC412 - EU ORGANIC CERTIFICATION	QICEC	-
	Other certifications on the procurement of leather	BETER LEVEN - LABEL ROUGE VIANDES - CERTIFIED GRASSFED & ANIMAL WELFARE APPROVED BY AGW - CERTIFIED HUMANE - RSPCA ASSURED - FOR BEEF & CALVES - LE VEAU SOUS LA MÈRE - CRENBA - CLASSYFARM - ORGANIC CERTIFICATION OUTSIDE THE EU - ANIMAL WELFARE CERTIFIED - NATURA-BEEF, NATURA-VEAL, SWISSPRIMBEEF - RED TRACTOR - IP SUISSE - VEAL CARREFOUR QUALITY SCHEME - RAINFOREST ALLIANCE CERTIFIED - CERTIFIED PASTUREFED - CERTIFIED PASTUREFED - CARNES DEL PASTIZAL - ABPO PANTANAL ORGANICO - CERTIFIED NATURAL BEEF & VEAL - BIRD FRIENDLY BEEF		-

Recycled Raw Materials					
Criteria	Material	Certifications / Protocols / Standards / Brands / Programs		Recommended % of Main Material	
Recycled Material Environmental, chemical and social aspects	Natural Fibers (Down, Cashmere, Cellulosic Materials, Cotton, etc.) Synthetic Fibers (Nylon, Polyester, etc.)	GLOBAL RECYCLED STANDARD (GRS) (*)	Global Recycled Standard	50%	
		RECYCLED CLAIM STANDARD (RCS)	00	(also in mix)	
		FSC RECYCLED	Chill		
		CARDATO RECYCLED			
		RE-VERSO TM			
	Synthetic Fibers (Nylon, Polyester, etc.)	BLUE ANGEL DE-UZ 193	Ô	80%	
		PLASTIC SECOND LIFE (PSV)	plastica	30%	
		EUROPEAN CERTIFICATION OF PLASTICS RECYCLERS (EUCERTPLAST)		-	
(*) The GRS certification requires a	minimun of 20% but most of the cer	tifications received so far go beyond 50%; therefore, 50% is the recommended percentag	e. However, we	can also evaluate, case-	

(*) The GRS certification requires a minimun of 20% but most of the certifications received so far go beyond 50%; therefore, 50% is the recommended percentage. However, we can also evaluate, caseby-case, situations with a minimun of 20%, to be reviewed by the Sustainability Department.

Cellulosic Materials					
Criteria	Material		Certifications / Protocols / Standards / Brands / Programs		Recommended % of Main Material
Responsible forest management (social,	Paper	FOREST ST	EWARDSHIP COUNCIL (FSC) (*)	FSC	
environmental, economic criteria)	nic Wood	PROGRAN (PEFC)	MME FOR THE ENDORSEMENT OF FOREST CERTIFICATION SCHEMES	e perc	-
	viscosa / kayon (bamboo viscose)	RAW MATERIAL	FOREST STEWARDSHIP COUNCIL (FSC) (*)	↓ FSC	
Responsible forest management (social,	Lyocell (eucalyptus	RAW MATERIAL	PROGRAMME FOR THE ENDORSEMENT OF FOREST CERTIFICATION SCHEMES (PEFC)	PEFC	-
environmental, economic		RAW MATERIAL + PROCESS	EU Ecolabel	State	-
criteria) + Low environmental impact process (*)	(beech viscose) Lantal (milk viscose) Cellulose Acetate / Triacetate Natural rubber		LENZING, BIRLA, EASTMAN or other supplier with a minimum score of 25 on CANOPY STYLE: https://hotbutton.canopyplanet.org/	TENCEL™ LENZING™ ECOVERO™ VEOCEL™ LENZING™	-
	fibers			canopy	
(*) It is necessary to ask for evidence both on the raw material and the fiber or fabric production process.					

() In the essay to be to evidence both of the tow metabolic biotection pocess.
Please also check that the supplier that sends us the FSC certificate is listed here:
https://app.powerbi.com/view?r=ey.lrijoiN2U3NGMyNWEIZTAXNS00MzVhLWExNmMtOThhZjdiYjQ4MWNkliwidCl6JjEyNGU2OWRLWVmNjUtNDk2Y05NmE5LTVkNTZiZWMxZDI5MSIsImMiOJ9

Biobased Materials					
Criteria	Material	Certifications / Protocols / Standards / Brands / Programs		Recommended % of Main Material	
	Bioplastics	USDA CERTIFIED BIOBASED PRODUCT	e		
		OK biobased	🥯 🖽	50%	
		DIN-Geprüft Biobased		BUT 20% acceptable	
Bio-based		Bio-based content	100%		
		ASTM D6866		-	
		EN 16640:2017		-	
		EN 16785-1:2015		-	
		CEN/TS 16137:2011		-	
		OK biodegradable Soli – Marine – Water		-	
		OK compostable		-	
		Biodegradability: ISO 1485		-	
		Biodegradability: ISO 17556		-	
		Biodegradability: EN 13432		-	
Biodegradable /		Biodegradability: ISO 14855		-	
Compostable		Biodegradability: EN 14046		-	
		Biodegradability: ASTM 6400-04		-	
		Compostability: EN 13432		-	
		Compostability: EN 14995		-	
		Compostability: D6400		-	
		Compostability: ISO 17088:2008		-	
		Compostability: EN 14045		-	

GENERAL CERTIFICATIONS
ISO 45001Occupational health and safety
ISO 14001Environmental health and safety
SA 8000Social issues
EMAS Environmental health and safety
ISO 50001 Energy management
WRAP Social issues
EU Ecolabel Environment, social, chemicals, traceability
TEXTILE PROCESSING
BLUESIGN
OEKO TEX STEP
OEKO TEX "STANDARD 100 PLUS" (100 AND STEP)
CRADLE TO CRADLE
4SUSTAINABILITY PROTOCOL
OEKO TEX STANDARD100
NORDIC SWAN
EU ECOLABEL
GOTS

LEATHER PROCESSING	
LWG certification for leather manufacturers	
LWG Chemical Management Module (CMM)	
Naturleder Certification (Natural Leather)	
ICEC – Traceability	
TS SC 410 for "products system in tanneries"	
ICEC – Traceability	
TS PC 412 for "single product in tanneries"	
CSCB certification	
Oeko-Tex Leather Standard	
Ecopelle / Ecoleather (UNI 11427:2015)	
UNIC social accountability	
LWG certification for leather traders	