



STSC ECO-COUTURE, LUXURY TEXTILES

STSC are proud to be working with eco-sericulture specialist to produce our Peace Silk, plus to have been selected by Lenzing Austria to be one of their exclusive wholesalers to sell their new luxury product TENCEL™ LUXE. STSC have worked carefully to create these supply chains and is offering a wide range of luxury fabrics, plus fabrics that are entirely new blends. Exclusive to STSC, we have created a unique range of Luxe and Peace Silk blends that are possibly the world's most sustainable and ethical luxury fabrics.

SILK AND SILK BLENDS. We source our silk from India where it is known as Ahimsa Silk, Peace Silk, Non-violent Silk or Cruelty free silk. Central to our belief system, we are opposed to “regular” silk where the silk worm is boiled alive and toxic chemicals are used to de-gum the cocoon, our suppliers have created a modern form of rural cooperation where it's important to them that they treat the silk worms, themselves, their community and their environment with utmost care.

By working as a co-op, the production is cleverly decentralized to allow the silk farmers, spinners, weavers etc. to work directly from their own areas. The different units of cocoons, yarns and ready textiles are then connected and stored at a centralized headquarters.

THE PEOPLE. The co-op follows a corporate social responsibility platform, where sustainable utilisation of manpower, ecology and natural resources work together. The living standards of the project members are higher, where the weavers have a comfortable lifestyle and their children are attending local schools. The women in the group are able to adapt their new professional skills allowing for social and economic self-dependency.

THE ENVIRONMENT. There are zero pesticides or genetic sprays used on the leaves or host mulberry trees feeding the worms which often creates a double crop. To create biodiversity, they have cultivated rice and potato along with the mulberry host trees. Ecologically, the entire region appears significantly greener than previous times.

During the silk farming stage, where they rear silkworms to produce silk, this occurs mainly in free nature and in some cases, indoors. To keep silkworms safe from harmful insects or birds, large mosquito netting is attached to protect each tree where the silkworms live and breed. In some cases, a Bio-Spray may be used.

SERICULTURE / SILK FARMING. Once the cocoons are ready, they are placed indoors on a bamboo platform. In case of Tussar silk, the cocoons are hung vertically from the ceiling using jute strings. In approximately one week, silk butterflies (moths) hatch out themselves or in some cases the cocoons need to be pierced by well-trained staff to assist the moth. Each cocoon is checked that its empty and is then forwarded to the degumming department. That is why the silk is known as Peace silk.

PRODUCTION. The process of eliminating “Gum (sericin)” and impurities from raw silk is known as degumming of silk. This is done by adding natural bio soap in the hot boiling water. Occasionally hydrogen peroxide is used to make different shades of silk yarn uniform.

CERTIFICATION by REACH & GOTS. In commercial “regular” silk, toxic metals such as Chromium, Barium, Lead, Iron or Sodium magnesium are used during the degumming process of ‘silk- weighting’ to make silk yarns heavier. These chemicals are not used or permitted in our production.

Four out of our twenty power looms have been upgraded with solar powered motors. Spinning and reeling is processed either manually or with solar machines. This makes 70% of our spinning and weaving operation zero-carbon. Packing and storing of the product is mainly done with jute bags or reclaimed cardboards. Transport of cocoons or ready yarns to weavers in different areas is done by public transport state roadways or Indian railway. Water usage is minimised in our production process with reclaiming used water by filtering the old used water. Residue from cocoon degumming is used as compost for agriculture.

FULL DETAILS. <https://www.sustainabletextiles.club/peace-silk-textiles>

STSC. SUSTAINABLE TEXTILE SUPPLY CHAIN : ABN 85 256 639 046. Australia. India

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IN-HOUSE DIGITAL PRINTING - GOTS certified Eco-friendly zero impact digital printing.

We have 2 digital printing machines in our factory. Both are custom made printing system for peace organic silk. This German-Japanese combination is the best in sustainability. Inks are GOTS certified and of zero impact on nature and human skin. This system consumes very small amount of ink, electricity and water. Our printing floor is made with zero-waste facility. Waste water from printing is recycled/ reused for further use through in-house bio-ETP plant.

TIMEFRAME. Between 3 and 6 weeks. Ask prior to order. For dyeing and printing, after approval of lab dip, will be 3 to 4 weeks.
MOQ 1 roll (45 to 49 meters). Prices may differ also regarding width. Offer 114cm or 140cm widths. Price in Australia \$

LOW-TOX DIGITAL PRINTING OPTIONS TO EITHER DO IN-HOUSE IN INDIA (Consultancy fee starts at aud\$300) or with our recommended printers in SYDNEY, LONDON AND SOON NEW YORK

Printing on low/medium MOQs is possible and marked below in GREY and done in currently done in Sydney and London.

KEY. Fabrics in GREY are stocked by Think Positive in Sydney & London and can be ordered to print. Fabrics with ** are often in stock readily available therefore send an enquiry for 15 metre MOQs availability which will incur a cut fee.

CODE	SET 1	Fabric	GLM	GSM	WIDTH CM	aud\$/m	45m MOQ
27030	Cotton Silk - Shiny	20% Silk 80% Cotton	45grams	40gsm	114	\$29.34	\$1,320.30
27030	Cotton Silk - Shiny	20% Silk 80% Cotton	45grams	40gsm	140cm -75m ROLL		tbc
208060	Cotton Silk - dull	12% Silk 88% Cotton	76grams	55	114	\$32.60	\$1,467.00
208060	Cotton Silk - dull	12% Silk 88% Cotton	76grams	55	140cm -75m ROLL	\$35.86	\$2,689.50
307060**	Cotton Silk	20% Silk 80% Cotton	72grams	51	140cm -75m ROLL	\$35.86	\$2689.50
307080	cotton Silk	30% Silk 70% Cotton	78grams	68	114cm	\$42.38	\$1,907.10
CSSAT60**	cotton Silk - satin	30% Silk 70% Cotton	72grams	51	114cm	\$48.90	\$2,200.50
CSSAT60	cotton Silk - satin	30% Silk 70% Cotton	72grams	51	140cm -75m ROLL		tbc
CSSAT80-114	cotton Silk - satin	30% Silk 70% Cotton	95grams	68	114cm	\$58.68	\$2,640
CSSAT80-140	cotton Silk - satin	30% Silk 70% Cotton	95grams	68	140cm -75m ROLL	\$70.30	\$5275.50
CH60-18	PURE CHANDERI	18% silk 82% Cotton	58grams	51	114cm	\$32.60	\$1,467.00
CH70-18	PURE CHANDERI	18% silk 82% Cotton	70grams	62	114cm	\$39.12	\$1,760.40
CH65-25	PURE CHANDERI	25% silk 75% Cotton	65 GMS	57	114cm	\$42.38	\$1,907.10
CODE	SET 2	Fabric	GLM	GSM	WIDTH CM	PRICE/m	45 metres
STSA60	Stretch satin	95% silk 5% Lycra	55grams	51gsm	108cm	\$61.94	\$2,787.30
STSA80	Stretch satin	95% silk 5% Lycra	75grams	68	108cm	\$68.46	\$3,080.70
STSA95	Stretch satin	95% silk 5% Lycra	90 GMS	80	108cm	\$81.50	\$3,667.50
STCR60	Stretch Crepe	95% silk 5% Lycra	55grams	50	108cm	\$61.94	\$2,787.30
STCR80	Stretch Crepe	95% silk 5% Lycra	75grams	68	108cm	\$68.46	\$3,080.70
STCR90	Stretch Crepe de Chine	95% silk 5% Lycra	84grams	77	108	tbc	tbc
STGT60	Stretch Georgette	95% silk 5% Lycra	55grams	51gsm	108cm	\$58.68	\$2,640.60
STGT80	Stretch Georgette	95% silk 5% Lycra	75grams	68	108cm	\$68.46	\$3,080.70
STCGT95	Stretch Crepe de Chine	95% silk 5% Lycra	88grams	81	108 cm	tbc	tbc



CODE	SET 3	Fabric	GLM	GSM	WIDTH CM	PRICE/m	45 metres
CDC40	Crepe de Chine Shiny	100% Silk	38grams	33	114cm		
CDC60	Crepe de Chine	100% silk	58grams	51	114cm	\$61.94	\$2,787.30
CDC70	Crepe de Chine	100% silk	68 GMS	60	114cm	\$68.46	\$3,080.70
CDC80	Crepe de Chine	100% silk	78grams	68gsm	114cm	\$74.98	\$3,374.10
CDC80 -140	Crepe de Chine	100% silk	78grams	68gsm	140cm	\$90	\$6750
CDC90	Crepe de Chine	100% silk	90grams	80	114cm	\$81.50	\$3,667.50
HBT40	Habotai	100% silk	38grams	33	114cm	\$42.38	\$1,907.10
HBT50	Habotai	100% silk	48grams	42	114cm	\$48.90	\$2,200.50
HBT60	Habotai	100% silk	58grams	51	114cm	\$52.16	\$2,347.20
HBT75	Habotai	100% silk	74grams	65	114cm	\$55.42	\$2,493.90
TBY22	Tabby	100% silk	22grams	19	114cm	\$35.86	\$1,613.70
TBY30	Tabby	100% silk	27grams	24	114cm	\$42.38	\$1,907.10
CODE	SET 4	Fabric	GLM	GSM	WIDTH CM	PRICE/m	45 metres
SAT60	satin	100% silk	58grams	51	114cm	\$61.94	\$2,787.30
SAT60	satin	100% silk	58grams	51	140cm x75m	\$71.90	\$5393
SAT80	satin	100% silk	78grams	68	114cm	\$74.98	\$3,374.10
SAT95 **	satin	100% silk	95grams	83gsm	114cm	\$81.50	\$3,667.50
GSAT52	GGT Satin	100% silk	52grams	45	114cm		
GSAT60	Ggt Satin	100% silk	56grams	50	114cm	\$61.94	\$2,787.30
CRSAT60	CRINKLE SATIN	100% silk	58grams	51	114cm	\$61.94	\$2,787.30
HMDSAT80	Hammered Satin	100% silk	80grams	53	114cm	\$90	\$4050
CODE	SET 5	Fabric	GLM	GSM	WIDTH CM	PRICE/m	45 metres
ORG19.5	Organza	100% Silk	19.5grams	17	114cm	tbc	tbc
ORG21W	Organza -White	100% Silk	21grams	18	114cm	\$32.60	\$1,467.00
ORG21B	Organza - Black	100% Silk	21grams	18	114cm	\$32.60	\$1,467.00
ORG26	Organza	100% Silk	26grams	23	114cm	\$35.86	\$1,613.70
ORG35	Organza	100% Silk	35grams	31	114cm	\$42.38	\$1,907.10
ORG45	Organza	100% Silk	45grams	39	114cm	tbc	tbc
ORG60	Organza	100% Silk	58grams	51	114cm	\$51.12	\$2,300.40
ORGSAT50	Organza Satin	100% Silk SATIN	45grams	39	114cm	tbc	tbc
ORGSAT60	Organza Satin	100% Silk SATIN	52grams	45	114cm	\$61.94	\$2,787.30
ORGSAT80	Organza Satin	100% Silk SATIN	78grams	68	114cm	\$61.94	\$2,787.30
ORGTWL90	Organza Twill	100% Silk	88grams	78	114cm	\$65.20	\$2,934.00
CSORGSAT65	Cotton Silk	45% silk 55% cotton	65grams	57	114cm	tbc	tbc
SLKMESH	MESH NET	100% Silk TULLE	38grams	33	114cm	\$61.94	\$2,787.30
SLKLN70-D	Linen Silk	30% Silk 70% Linen	85grams	60	140cm - 75mroll	\$52.16	\$3,912.00
SLKLN120	Silk-Linen Cotton	9% Silk 91% Lin-Cot	115grams	100	110cm	tbc	tbc



CODE	SET 6	Fabric	GLM	GSM	WIDTH CM	PRICE/m	45 metres
Ggt40	Georgette	100% Silk	38grams	34	114cm	\$45.64	\$2,053.80
Ggt40-140	Georgette	100% Silk	38grams	34	140cm		tbc
Ggt50	Georgette	100% Silk	48grams	42	114cm	\$52.16	\$2,347.20
Ggt60-114	Georgette	100% Silk	58grams	51	114cm	\$58.68	\$2,640.60
Ggt60-140	Georgette	100% Silk	58grams	51	140cm		\$2,640.60
Ggt80	Georgette	100% Silk	78grams	68	114cm	\$65.20	\$2,934.00
Cgt70	Crepe Georgette	100% Silk	70grams	60	114cm	\$65.20	\$2,934.00
Cgt90	Crepe Georgette	100% Silk	90grams	78	114cm	\$78.24	\$3,520.80
Chf25	Chiffon	100% Silk	25grams	21	114cm	\$32.60	\$1,467.00
CHF32	Chiffon	100% Silk	32 grams	28	114cm	\$35.86	\$1,613.70
Chf40	Chiffon	100% Silk	38grams	34	114cm	\$39.12	\$1,760.40
Chf50	Chiffon	100% Silk	48grams	42	114cm	\$45.64	\$2,053.80
Chf60	Chiffon	100% Silk	57grams	50	114cm	\$52.16	\$2,347.20
CODE	SET 7	Fabric	GLM	GSM	WIDTH CM	PRICE/m	45 metres
TWL50	Twill	100% Silk Twl	48grams	42	114cm	tbc	tbc
TWL60	Twill	100% Silk Twl	58grams	51	114cm	\$58.68	\$2,640.60
TWL80	Twill	100% Silk Twl	78grams	68	114cm	\$71.72	\$3,227.40
30chi	Flat Chiffon	100% Silk	31grams	22	140cm -75 ROLL	\$35.86	\$2,689.50
40chi	Flat Chiffon	100% Silk	37grams	33	114cm	\$39.12	\$1,760.40
50chi	Flat Chiffon	100% Silk	47grams	41	114cm	\$42.38	\$1,907.10
VVT18	Silk Velvet	82% Rayon 9% Silk 9% Nylon	180grams	158	114cm	\$68.46	\$3,080.70
VVT18-2	Silk Velvet	82% Rayon 18% Silk	180grams	158	114cm	tbc	tbc
Dpn60	Dupion	100% Silk	60grams	51	114cm	\$58.68	\$2,640.60
Dpn80	Dupion	100% Silk	80grams	68	114cm	\$65.20	\$2,934.00
Dpn90	Dupion	100% Silk	90grams	78	114cm	\$71.72	\$3,227.40
	70 samples						



BOOKS 8 & 9 – some of the samples included.

HANDLOOM AVAILABLE FOR PRINT	HANDLOOM	PRICE/M AUD\$	PRICE PER ROLL
Handloom 1 Diagonal silk tweed/ natural and bleached			
CCL MT-KT-SC	114cm x 45 metres	125.8	5652
MOONGA CREPE HEAVY 100% SILK 2MNG 004470	107 cm x tbc metres	\$77.42	\$3,483.90
1/1 MATKA 100% SILK / GLM: 90	107 cm x tbc metres	67.74	\$3,048.30
H/L SILK LINEN / GLM: 90	107 cm x tbc metres	58.06	\$2,612.70

MILL 5. AYURVASTRA AHMSA SILK / PEACE SILK.

PRICE LIST # 4. AYURVASTRA HANDLOOM GOTS ORGANIC COTTON

Griege or dyed with pure plant based dyes & imbued with Ayurveda medicinal plants and herbs.

We especially love our unique Ayurvastra handloom organic cotton fabric plus Ahimsa Silk (Peace Silk) that is hand dyed using pure plant-based dyes plus infused with Ayurvedic medicinal plants, carrying the 5,000 year-old Indian natural medical practice known as Ayurveda, which is a sister science to yoga and meditation.

This handloom society was set up 29 years ago to give women weavers a fair wage. These artisans take great care in collecting up to 1200 herbal plants from nearby herbal forest, the Augestya Forests Range to put into the yarn. STRIPED FABRIC is made using two or three different colour silks that are yarn dyed.

CODE	COLOUR	FABRIC	THREAD	INCH	CM	AUD\$/METRE	4 Metre MOQ
1-AAS-PY	Pale Yellow	100% Silk	150grams	45 inch	114cm	\$62	Aud\$248
2-AAS-P	Striped Light Pink	100% Silk	150grams	45 inch	114cm	\$62	Aud\$248
3-AAS-G	Holy Basil Thulsi and Pink stripes	100% Silk	150grams	45 inch	114cm	\$62	Aud\$248
4-AAS-G	Grey/brown and black stripes	100% Silk	150grams	45 inch	114cm	\$62	Aud\$248
5-AAS-W	Maroon with white strips	100% Silk	150grams	45 inch	114cm	\$62	Aud\$248
6-AAS-G	White/Aloe Vera	100% Silk	150grams	45 inch	114cm	\$62	Aud\$248
7-AAS-G	Griege/not dyed	100% Silk	150grams	45 inch	114cm	\$57	Aud\$228



MILL 2. INDIA

SAMPLE BOOKS. ALL FABRICS IN THIS BOOK ARE INCLUDED IN THE MAIN SAMPLE BOOK and in the MILL 2's SAMPLE BOOK WHICH IS A COMPLETE BOOK THAT CANNOT BE PULLED APART.

AHIMSA PEACE SILK – PRINTED IN INDIA

The printing or dyeing service is done through STSC's Consultancy Service.

Our MILL in INDIA is SA 8000 Certified which is an independent body that enforces a zero-tolerance policy towards child labour, forced labour and inhumane treatment. They certify that workers are paid a liveable wage and work regular hours. Turn around for milling is very short 7-14 days but not guaranteed. These fabrics are organic and Eco-friendly. The inks are 100% plant base, biodegradable and approved for babies by OEKO-TEX® Standard.



GLOBAL ORGANIC TEXTILES STANDARD.

To be certified organic, fabrics such as our organic cotton, must be grown and produced under stringent standards that relate to the use of synthetic fertilizers and pesticides. To be labelled organic, the fabric meets the international standards set for fibre production and processing by GOTS (Global Organic Textile Standard).

Client have the option to either purchase plain griegie fabric or print to your own design, or have dyed through your own or our service. The printing or dyeing service is done through STSC's Consultancy Service

ECO-PRINTING IS 100% WATERLESS DIGITAL PRINTING.

Our printer is designed to reduce waste in fabric, ink consumption and electricity making it an energy and material conscious printer. The printing is in-house and uses the innovative and eco-friendly NeoPigment™ digital printing technology created by Kornit. The revolutionary process uses zero water in the printing which includes no pre-treatments, washing or steaming. Aside from being water free, the integrated process eliminates the need for external or additional chemical pre-treatments. The inks are water-based NeoPigment™ and are 100% free of heavy metals, formaldehyde and Alkylphenol Ethoxylates (APE), making them non-hazardous, non-toxic and biodegradable

PRINT TO YOUR DESIGN CONSULTANCY. <https://www.sustainabletextiles.club/consulting>

To print your own design on the many of STSC fabrics the Steps to follow are:

- Purchase the Consultancy Fee to set up and manage the print job is AUD\$340 – approx. EURO 194 / USD 218 / GBP 175
 - STEPS – Send a Job Order form so we can accurately formulate the Consultancy price according to your requirements, how many prints, etc.
 - Request a Consultancy Contract
 - Pay invoiced Consultancy fee ascertained after STSC sees your Job Order.
 - STSC refine the Purchase Order re details of print job and fabric. 10 metre minimum (20m MOQ if Plain fabric with no printing)
 - STSC to send samples of printed fabrics for you to see quality.
 - Send high resolution TIFF files / Vector Files OR Pantone TCX colours to match - up to 6 different prints/colours per 70m roll (TBC depends on your Pantone choices)
 - Finalise pricing, moq, specs, delivery, payment details, etc
 - 30-50% Deposit paid to STSC/Mill for printed fabric.
 - 3-5 metre print samples are sent to Client for approval or adjustment. Courier fees are additional.
 - STSC will charge an additional \$50/hour to make further adjustments and order a new Production sample from the Mill.
 - Once the client is satisfied, remaining payment is finalised along with courier fees and the fabric shipped by STSC.
- Read full FAQs and T&Cs.



SAMPLES OPTIONS. The 2x fabrics below in blue are included in

1. MILL 2. SAMPLE BOOK that can be purchased by itself
2. or within the MAIN SAMPLE BOOK
3. or separate by request.

	Mommie	GSM	WIDTH "	CM	AUD\$	MOQ
Ahimsa Peace Silk Plain Weave PRINTED	16mm	70gsm	42/43 "	approx 109cm	AUD\$46.46	70m
Ahimsa Peace Silk Plain Weave	16mm	70gsm	42/43 "	approx 109cm	AUD\$42	70m
Ahimsa Peace Silk Broken Satin Weave PRINTED	16mm	70gsm	42 "	approx 108cm	AUD\$46.46	70m
Ahimsa Peace Silk Broken Satin Weave	16mm	70gsm	42 "	approx 108cm	AUD\$42	70m

LENZING TENCEL™ LUXE PLUS ECO-COUTURE HYBRID BLENDS

Lenzing Austria have developed TENCEL™ LUXE yarn using the closed loop system to offer a true sustainable option for the premium luxury market to choose eco-couture fabrics. STSC will be producing 100% Tencel LUXE in February 2019 in India and Japan.

This new lyocell filament heralds a new era of sustainable high-end cellulose fabrics offering superior aesthetics, performance and comfort level that allow them to be the perfect partner with other fibres such as Lenzing's own Tencel lyocell, STSC's partner rural Indian co-op GOTS Organic Peace Silk (as above), plus cashmere, wool, linen, mohair.

STSC are currently offering the fabrics listed below plus we are working with Lenzing and our Peace Silk producers to develop exclusive fabrics using LUXE and Peace Silk; 1. jersey, 2. Interlock, 3. Knit, and 4. jacquard knits all in different weights.

Full Details both on the website and attached PDF document
<https://www.sustainabletextiles.club/lenzing-eco-fibre-info>

	TENCEL LUXE™	GSM	CM	INCH	US\$/m	EURO/m	AUD\$/m
LUXE	100% LUXE™	tbc	tbc	tbc	POA	POA	POA
LUXE1137	58% Tencel™ 42% LUXE™	71gsm	123cm	48.4 inch	\$54	€ 47.20	\$76
LUXE1142-SHEER	40% Nylon* 60% LUXE™ *(will change to Econyl) price tbc	40gsm	118cm	46 inch	POA	POA	POA
LUXE1142-BLACK	40% Nylon* 60% LUXE™	40gsm	118cm	46 inch	POA	POA	POA
LUXE1142-BLACK	40% Nylon* 60% LUXE™	40gsm	118cm	46 inch	POA	POA	POA



LENZING TENCEL™ LUXE PLUS GOTS ORGANIC PEACE SILK TRADITIONAL HANDLOOM

Lenzing Austria have developed TENCEL™ LUXE yarn using the closed loop system to offer a true sustainable option for the premium luxury market to choose eco-couture fabrics. STSC will be producing 100% Tencel LUXE in February 2019 in India and Japan.

	TENCEL LUXE™ & GOTS ORGANIC PEACE SILK	GSM	CM	INCH		EURO/m	AUD\$
MALMAL	MALMAL – IVORY WHITE 80% TENCEL™ LUXE and 20% peace silk	51	114cm	55	Approx.	€22/m45 metre roll	Approx AUD\$46/m USD\$24/M
KELA SILK SATIN	45% TENCEL™ LUXE and 55% peace silk ** Not available ATM	Tbc	Tbc	Tbc	Approx		

MOQ 45 metre roll minimum.

60 days ready at dyer for sampling.

Potentially may be able to offer smaller MOQs by request, depends on availability and has a cut fee.

DYES. It's various. Reactive dying to Pantone colours.

GSM WEIGHTS. Weights may vary a degree of +/- 5%.

Lengths are offered per metre, and 1 Meter of Fabric equals 0.9144 Yards therefore 100 yards equals 91.44 Meters. Final fabric length has a +/- 20% variation margin.

