



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 3 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>

DYES - 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 \$

CODE	SET 1	Fabric	GLM	GSM	WIDTH CM	aud\$/m	45m MOQ
27030	Cotton Silk - Shiny	20% Silk 80% Cotton	45grams	40gsm	114/140cm	\$29.34	\$1,320.30
208060	Cotton Silk - dull	12% Silk 88% Cotton	76grams	55	114/140cm	\$32.60	\$1,467.00
307060	Cotton Silk	20% Silk 80% Cotton	72grams	51	140cm	\$35.86	\$1,613.70
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	114/140cm	\$48.90	\$2,200.50
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	\$70.30	\$2,200.50
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
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
SAT80	satin	100% silk	78grams	68	114cm	\$74.98	\$3,374.10
SAT95	satin	100% silk	95grams	83	114cm	\$81.50	\$3,667.50
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
HMDSAT60	Hammered Satin	100% silk	60grams	53	114cm	tbc	tbc
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	\$52.16	\$2,347.20
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/140cm	\$45.64	\$2,053.80



Ggt50	Georgette	100% Silk	48grams	42	114cm	\$52.16	\$2,347.20
Ggt60	Georgette	100% Silk	58grams	51	114cm/140cm	\$58.68	\$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	\$35.86	\$1,613.70
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						

AYURVASTRA AHIMSA SILK / PEACE SILK

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 Augesty Forests Range to put into the yarn.

CODE	COLOUR	FABRIC	THREAD	INCH	CM	AUD\$/METRE	6 Metre MOQ
AAS-PY	Pale Yellow	100% Silk	80grams	45 inch	114cm	\$58	Aud\$348
AAS-P	Pink	100% Silk	80grams	45 inch	114cm	\$58	Aud\$348
AAS-W	White	100% Silk	80grams	45 inch	114cm	\$58	Aud\$348



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 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	tbc	tbc	tbc
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	\$52	€ 45.00	\$72
LUXE1142-BLACK	40% Nylon* 60% LUXE™	40gsm	118cm	46 inch	\$52	€ 45.00	\$72

MOQ 1,500m minimum, 500m/colour for bulk.

50m/colour for sampling.

60 days ready at dyer for sampling.

Potentially may be able to offer smaller MOQs by request with increase in cost.

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

We are soon to test natural dyes using food. <http://www.foodtextile.jp>

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.

TENCEL™ Luxe Swing Tag – Option 1

Front



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