



HANDLOOM TEXTILES USD\$

STSC are fabric wholesalers who aim to inspire global fashion and product designers to use true sustainable eco-textiles that have minimal negative impact on the environment and maximum impact on the welfare of all people along the supply chain.

Our particular focus is on beautiful, truly sustainable, biodegradable and ethical fabrics. In particular unique natural natural plant fabrics that support a "wealth from waste" philosophy, or minimal water consumption.

The cotton is certified GOTS Organic cotton and STSC is happy to share proof of this certification that has been verified and signed by an Australian Justice of the Peace as true and authentic as we have removed the name of parties involved to maintain our IP confidentiality. Read below the in depth information on the **Story of Nettle**.

PRICES. Because this is Handloom fabric, prices do not alter depending on the MOQ as the weaver is paid per metre. Prices may adjust in some cases, eg sometimes we can do wider widths, specific colours, specific plants. You may choose to build in a donation for your brand that will be sent directly to your weavers. Moving forward we aim to have photographs of the weavers for you to share but to date they have chosen to remain private.

COLOURS

Many of these textiles can be dyed to a colour of your choice. Discuss with STSC first and learn more about the Consultancy service via the website.

<https://www.sustainabletextiles.club/consulting>

TIMEFRAMES & PAYMENT TERMS.

An example timeframe is 100 metres of plain weave, 60gsm griegie, non-dyed fabric is approximately three weeks. They are unable to go faster unless you want multiple weavers working in tandem. The weaving and dyeing will be matched as closely as possible, but given its made by human hands the fabric will have its own uniqueness determined by a weaver. Unless there is a gross error on behalf of the Mill we do not accept returns nor a replacement fabric is offered. Any alterations is made by request and costed accordingly.

Order can be paid 30-50% deposit then remaining to total 100% in advance as required by the Mill. Payment of freight is made 100% in advance after packaging and freight cost is ascertained.

HANDLOOM FABRICS. MOQ 100-500 METRES

#K7 KOPL-NC-726 70% NETTLE 30% COTTON 625gsm 54 inch width – USD\$29.80/metre 44 inch width – USD\$27.10/metre	#K8 KOPL-NC-727 70% NETTLE 30% COTTON 675gsm 54 inch width – USD\$29.80/metre 44 inch width – USD\$27.10/metre
#K10 KOPL-NC-730 60% NETTLE 40% COTTON 350gsm 54 inch width – USD\$21.70/metre 44 inch width – USD\$ 16.95/metre	#K11 KOPL-NC-733 60% NETTLE 40% COTTON 440gsm 54 inch width – USD\$25/metre 44 inch width – USD\$ 21.70/metre

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

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#K12 KOPL-NC-735 60% NETTLE 40% COTTON 350gsm 54 inch width – USD\$21.70/metre 44 inch width – USD\$ 16.95/metre	#K14 KOPL-NC-728 60% NETTLE 40% COTTON 300gsm 54 inch width – USD\$21.70/metre 44 inch width – USD\$ 16.95/metre
#K17 KOPL-0005 MOQ 500 metres or by special order COTTON & recycled Wool 400gsm 54 inch width – USD\$9.90/metre	#K18 KOPL-0008 MOQ 500 metres or by special order Recycled Wool 420gsm 54 inch width – USD\$9.90/metre
#K19 KOPL-0009 MOQ 500 metres or by special order COTTON & recycled Wool 415gsm 54 inch width – USD\$9.90/metre	#K20 KOPL-HC-427 MOQ 200 metres 60% Hemp 40% COTTON 340gsm 54 inch width – USD\$21.70/metre 44 inch width – USD\$ 16.95/metre
#K4 PLAIN GREY (powerloom) MOQ 3000 metres or by special order 100% cotton 200gsm 54 inch width USD\$5/metre	#K6 Herringbone Black (powerloom) MOQ 3000 metres or by special order 100% cotton Width 280-300gsm 54 inch width - USD\$6.80/metre

THE STORY OF NETTLE

Nettle or bicchu buti grows wild as undergrowth particularly in Almora and Chamoli districts in Uttarakhand a state in northern part of India. The stem fibers are pliable and used to weave knit fabric. It was lying unexplored until 7-8 years back, when on realizing its potential in the field of textiles, many organizations in the region initiated research and development activities on the possibilities of handloom based product development in nettle.

Countries like UK and Germany, have been involved in the development of nettle since 1999, and have made considerable growth in this direction. A number of researches have been conducted not only in developing commercial textiles using nettle, but also in the cultivation and propagation of the crop in the most sustainable manner.

Significant development has been made in the processes of cultivation and fibre extraction by many renowned European organizations, institutes and companies. Himalayan Nettle is a grass species, the plant is found in the upper reaches of Himalayas, the plant can attain a height of up to 12 to 18 feet in height. Different pockets of Uttarakhand has traditionally used the plant fiber for making domestic products like ropes and other rope based products such as slippers used locally called as Chappel, Ghana, Natesh, Jotan. Over the years these raw material for these products has been replaced by plastic. Nettle fiber was widely used for thousands of years as a source of fiber for bowstrings, fishing nets and lines, snares, and cordage. It is an annual/perennial plant and grows to 3 meter.



Nettle fiber is very similar to flax and was used for fine textiles, sail cloth and rope for centuries. The perennial stinging nettle was cultivated during the 19th century until the Second World War and has a long history as a fiber plant. The hairs covering the stems and leaves are filled with fluid and break off when touched, leaving a sharp point like a small hypodermic needle that allows the fluid to enter the skin and cause blistering.

Nettle fiber has remarkable high tensile strength, fineness, low specific weight and an average length of 3m; this allows production of fine fabrics. Although the plants produce good fiber but commercial extraction for high quality fiber has not yet been achieved. Various parts of the nettle plant can be used as food, fodder and as raw material for different purposes in cosmetics, medicine, industry and biodynamic agriculture

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