

LIBERTY SEWING THREADS

We know that when it comes to outdoor gear, the sewing thread you use can make all the difference. That's why we've developed a line of high-performance, outdoor sewing threads that are specifically designed to withstand the elements and keep your gear strong.

Our outdoor sewing threads are made from the highest-quality materials, like Nylon 6.6, Polyester, PTFE and Polyester Cotton, so they can stand up to the sun, wind, and rain. They're also extremely strong and durable, so you can be sure that your gear will hold up to the demands of the great outdoors. We offer a wide range of colors and sizes to suit any project, and we're constantly updating our selection to keep up with the latest trends and technologies. Whether you're working on a tent, sail, awning, or outdoor furniture, you can count on our outdoor sewing threads to get the job done. With Liberty Threads, you can rest assured that you are getting the highest quality thread on the market. We are committed to providing our customers with the best products and customer service. Contact us to learn more about how our outdoor sewing threads can help you create durable, high-quality products that will stand the test of time.

LIBERTY QUALITY













































The selection of our raw materials is the basis for the quality of all our products. By developing partnerships with our suppliers we are able to guarantee superior materials. Our manufacturing processes are of the highest standards and constantly governed by benchmarks. We aim at achieving the highest levels of performance in order to meet the needs of our customers.

ISO 9001
BUREAU VERITAS
Certification





LIBERTY GUIDELINES

	Sailmaking Zig Zag & double needle stitching	Boat Covers	Tents, Sunscreen, Awnings, Parasols	Flags & Tarpaulins	Backpacks	Slings, Belts & Tie Downs	Bouncy Castle	Parachutes, Kites and Hot Air Balloons	Saddlery & Equestrian	Diving & Wet Suits	Garden Cushions
LIBERTY TOPFIL											
LIBERTY SOFTBOND											
LIBERTY TWINBOND											
LIBERTY LIBFIL											
LIBERTY PARKGATE SATIN											
LIBERTY SETAL											
LIBERTY PTFE											
LIBERTY BRAIDS											

LIBERTY GUIDELINES
LIBERTY SOFTBOND

LIBERTY SOFTBOND UV sewing thread is made of high-tenacity, continuous filament polyester yarn, bonded with a specially developed UV finish. The superior resistance to UV radiation, mildew, saltwater and rot makes these threads ideal for rough outdoor applications, like sports or marine. This high tensile strength thread combined with a specially developed bonded finish offers excellent benefits for high-speed, multi-directional sewing operations, such as:

- preventing the plies from opening during stitching
- protecting the thread and reducing needle heat performance
- providing very good seam strength combined with high abrasion resistance

LIBERTY SOFTBOND UV is produced in a wide range of thread sizes and is an environmentally friendly product, compliant to STANDARD 100 by OEKO-TEX®.

TICKET NO. (Nm)	TEX NO.	AVERAGE STRENGTH (NEWTON)	NEEDLE SIZE (METRIC)
40 (V69)	69	48,7	90 - 100
30 (V92)	92	56,4	110 - 120
20 (V138)	138	99,6	110 - 130
15 (V208)	180	133,9	120 - 140
10 (V277)	277	190,2	140 - 180

LIBERTY TWINBOND

LIBERTY TWINBOND is a specially developed sewing thread for the Zig Zag sewing machine. Made from high-tenacity continuous filament polyester yarn, it features a specially developed bonded finish for superior performance. The bonding ensures a high tensile strength thread with a reduced risk of plies opening during stitching, while also protecting the thread and reducing needle heat. The result is excellent sewing performance even in high-speed multi-directional operations. LIBERTY TWINBOND boasts strong abrasion resistance and superior resistance to UV radiation, mildew, saltwater and rot, making it ideal for outdoor and marine applications. It is available in a range of thread sizes.

TICKET NO. (Nm)	TEX NO.	AVERAGE STRENGTH (NEWTON)	NEEDLE SIZE (METRIC)
30 (V92)	92	56,4	110 - 120
20 (V138)	138	99,6	110 - 130
15 (V208)	208	133,9	120 - 140

Please use the information above for guide purposes only. If you have any questions or concerns, please contact us.

LIBERTY GUIDELINES
LIBERTY LIBFIL

Made of high tenacity continuous filament polyester yarn, this sewing thread is available in bonded, soft and special (dl) finish. Our line of products meets the highest standards for strength and sewability due to its unique specially developed finish. LIBERTY LIBFIL has a good abrasion resistance and therefore an excellent sewing thread for all types of applications. Their superior resistance to UV radiation and chemicals makes these threads suitable for outdoor applications.

TICKET NO. (Nm)	TEX NO.	AVERAGE STRENGTH (NEWTON)	NEEDLE SIZE (METRIC)
80	35	22,0	65 - 80
60	46	29,2	70 - 80
40	69	43,0	90 - 100
30	92	51,4	110 - 120
20	138	84,0	110 - 130
15	180	126,5	120 - 140
10	277	204,0	140 - 180
9	350	258,0	180 - 200
6	450	369,0	230 - 250

LIBERTY TOPFIL

Made of high tenacity continuous filament nylon 6.6 yarn, this sewing thread is available in both soft and bonded finish. The nylon 6.6 yarn will give a high tensile strength thread combined with a specially developed bonded finish to prevent the plies from opening up during sewing. The special bonding will protect the thread and reduce needle heat with excellent sewing performance on high-speed (multi-directional) sewing operations.

TICKET NO. (Nm)	TEX NO.	AVERAGE STRENGTH (NEWTON)	NEEDLE SIZE (METRIC)
80	33	21,5	70 - 90
60	46	32,3	80 - 100
40	69	49,0	90 - 120
30	92	63,7	100 - 140
20	138	95,1	120 - 160
15	180	151,9	160 - 180
10	277	200,9	160 - 230
7	416	280,3	230 - 250
5	554	380,2	250 - 300

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LIBERTY GUIDELINES
LIBERTY SETAL

With its superior resistance to needle heat and abrasion, this multi-purpose sewing thread made of a high tenacity polyester core with a polyester cover combines high tenacity seam strength with a natural look, resulting in excellent sewing performance and wash-down characteristics. The high-quality polyester core gives additional strength compared to staple spun polyester threads. Due to the special lubricants used for LIBERTY SETAL, it is recommended for problem-free processing especially at high speed and/or multi-directional sewing operations under the most demanding conditions.

TICKET NO. (Nm)	TEX NO.	AVERAGE STRENGTH (NEWTON)	NEEDLE SIZE (METRIC)
80	38	23,1	65 - 90
50	60	34,9	90 - 100
40	75	36,7	90 - 110
25	120	58,9	110 - 140

LIBERTY PARKGATE SATIN

This multi-purpose sewing thread made of a high tenacity polyester core with a cotton cover combines high tenacity seam strength with a higher resistance to severe abrasion. The Satin Glace finish includes polishing with an added special process developed to ensure the thread will not open up during sewing. This makes it the ideal thread for tough sewing operations resulting in strong tight seams on heavy fabrics, leather and multiple layer sewing. The cotton cover, which swells to fill needle holes in wet weather, makes LIBERTY PARKGATE the best thread for outdoor applications.

TICKET NO. (Nm)	TEX NO.	AVERAGE STRENGTH (NEWTON)	NEEDLE SIZE (METRIC)
75	40	19,2	90 - 100
50	60	32,5	100 - 120
36	80	40,1	110 - 130
25	105	63,5	120 - 140
20	150	78,0	140 - 160
12	210	106,0	160 - 180
8	350	173,0	180 - 200
6	450	221,0	180 - 200

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LIBERTY GUIDELINES

LIBERTY PTFE

LIBERTY PTFE sewing thread has been designed for high-speed sewing and is made from 100% polytetrafluorethylene (PTFE), which provides magnificent chemical, heat and UV-resistance for applications where maximum performance and durability is required. LIBERTY PTFE will not be affected by sunlight UV, mildew, moulds, saltwater, rot, acid rain or cleaning solution, which makes it the recommended sewing thread for outdoor and marine applications to use to upgrade the quality of your sewing products.

PTFE COUNT	APPROXIMATE POLYESTER EQUIVALEND	AVERAGE STRENGTH (NEWTON)	NEEDLE SIZE (METRIC)
1200	Nm 50/60 (V69)	60,9	90 - 110
1400	Nm 35/40 (V92)	65,9	100 - 120
1800	Nm 25/35 (V108)	77,4	110 - 130
2400	Nm 20/25 (V138)	110,9	120 - 140



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LIBERTY GUIDELINES

LIBERTY BRAIDS

Liberty Lubricated and Waxed PES BRAIDS are high-tenacity polyester braids offering superior, continuous performance for beautiful finishes on leather goods or heavy sewing materials, such as carpeting or automotive applications. Both are produced in various thread sizes and strengths. Liberty PES BRAIDS are environmentally friendly, compliant to STANDARD 100 by OEKO-TEX®.

Liberty Lubricated PES BRAIDS are ideal for medium- or high-speed machine sewing for decorative, detailed seams on heavy materials, such as footwear or saddlery. The pre-stabilised, high-tenacity filament polyester braid offers a smooth sewing experience. Moreover, the high-calibre lubrication and low-stretch attributes produce fine, soft finishes of exceptional quality.

Liberty Waxed PES BRAIDS are high-waxed, compact polyester braids optimized for hand sewing operations on leather and suede goods or thick, demanding materials. Given the special waxing treatment and stabilisation process, fraying and breakage are greatly minimized. The low-stretch nature makes tight seams and knot tying easy.

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SIZE NO.	THICKNESS IN MM	AVERAGE STRENGTH (NEWTON)	NEEDLE SIZE (METRIC)
2	0,6	145,1	N/a
3	0,8	171,4	N/a
6	1,0	249,7	N/a
9	1,2	547,0	N/a

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