

SPUN-T is a lubricated high tenacity 100% staple spun polyester sewing thread (**SSP**). It is an exceptional thread with dependable sewing performance in high speed and critical operation, suitable for most of garment types.

SPUN-T is a 100% staple spun polyester thread twisted and finished for optimum sewing performance. It is an ideal thread for multiple applications where a traditional staple spun polyester is required.



**Staple
Spun
Polyester
(SSP)**

Information

Main Uses:

- Blouses and Shirts
- Jackets
- Lingerie and Underwear
- Children's Apparel
- Knitwear
- Workwear
- Dress
- Trousers and Jeans

Benefits:

- Robust thread manufacturing techniques deliver a stronger thread with fewer imperfections.
- Resistant to sunlight and chemical degradation.
- Specially lubricated to deliver excellent sewing performance.
- Wide range of colors at an affordable price.
- Eco – friendliness and Users' safety.

SPECIFICATION

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Tex	18	21	21	27	27	30	40	40	60	70	80	105	150	180	300
Ne	60/2	80/3	50/2	40/2	60/3	50/3	40/3	30/2	20/2	30/3	20/3	20/4	20/5	20/6	20/9
Ticket number	180	140	150	120	120	90	80	80	50	50	30	24	20	15	10
Strength (cN) (Min, Average)	555	650	730	850	889	1150	1355	1277	1889	2085	2875	3850	4799	5975	8588
Elongation (%)	19	19	19	20	20	20	20	20	21	21	21	22	22	22	22
Length (m)	5000	5000	5000	5000	5000	5000	3000	3000	3000	3000	2000	2000	2000	1000	600
Needle size <i>Singer Metric</i>	9-10 65-70	9-10 65-70	9-10 65-70	11-12 75-80	11-12 75-80	12-13 80-85	13-14 85-90	13-14 80-85	14-16 90-100	14-16 90-100	16-18 100-110	20-21 125-130	22-23 140-160	23-24 160-180	25 200

1. Thermal Properties

- Melts at 250 – 260°C, softens at 220 – 240°C
- Shrinkage less than 1% at 150°C

2. Chemical Properties

- **Mineral acids:** Resistant to most mineral acids
- **Alkalis:** Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures.
- **Organic solvents:** Generally unaffected, but soluble in some phenolic compounds
- **Bleaching:** Unaffected
- **Insects/Microorganism (mildew, rot):** Unaffected
- **Laundering/
Dry cleaning:** Unaffected
- **Moisture regain:** 0.4%

3. Fastness Properties

- **Washing fastness:** 4S, 4C ISO105 – C10C
- **Rub fastness:** 4S, 4C ISO105 – X12

S: Staining C: Change of shade.

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