

CORE-P is a Premium Quality Corespun sewing thread (PPC) that combines a high tenacity polyester filament core with an excellent quality spun polyester cover, suitable for all seams with the required – fineness, high seam strength and high temperature stability conditions.

CORE-P is a major breakthrough in technology and fashion worldwide. With the especially structure, it could bright the outstanding benefits comparing with Staple Spun Polyester thread.



Main Uses:

- Blouses and Shirts
- Jackets and Dress Slacks
- Lingerie and Swimsuits
- Fashion Apparel
- Jeanswear
- Uniforms and Work-swear
- Various Leather Articles

Benefits:

- Excellent sewability to deliver outstanding productivity.
- **CORE - P**'s Strength is up 40% higher than SSP's with the same thread – size.
- Ideal for delicate garments to avoid puckering – seams.
- Enhance seam strength, suitable for heavily washing requirements (Stone wash, Acid wash, Bleach wash,...)
- Eco – friendliness and Users' safety.

SPECIFICATION

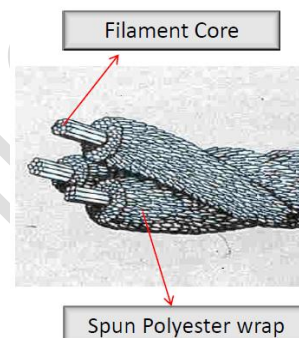
Tex	18	21	24	30	40	60	80	105	120	150	180
Ticket number	180	140	120	100	80	50	40	30	25	18	16
Strength (cN) (Min, Average)	766	809	1106	1387	1789	2768	4077	4368	5338	7317	8709
Elongation (%)	25	25	25	25	25	25	25	25	25	25	25
Length (m)	5000	5000	5000	5000	3000	3000	2000	2000	2000	1000	1000
Needle size <i>Singer</i> <i>Metric</i>	9-10 65-70	9-10 65-70	10-11 70-75	11-12 80-85	13-14 85-90	14-16 90-100	16-18 100-110	18-20 110-125	20-21 125-130	21-22 135-140	23-24 160-180

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.