

Threads (India) Limited

KEVLAR® THREAD SCHAPPE-SPUN PARAMIDE



KEVLAR® Medium Tenacity Sewing Thread.



Characteristics Features

- **High mechanical resistivity**
- Good chemical and heat resistivity (425°C)
- Run smoothly during the sewing process
- Low elongation at break

Technical Information:

Ticket No	Composition Nm/Ply	Strength (Kg.)	Elongation %	Meter/KG (Approx.)
75	50/2	4.80	3	23684
50	50/3	7.50	4	16363
35	50/4	9.50	4	12000

Ticket No.

75, 50, 35

Applications

: Filter fabrics, safety shoes and clothes

Note: Other constructions are available on request

KEVLAR® is a Registered Trademark of E. I. DuPont



All threads of Threads (India) Limited, are "REACH" compliant
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Threads (India) Limited

KEVLAR® THREAD BONDED PARA-ARAMIDE

KEVLAR® BONDED Para-Aramide thread offers the following key benefits.



Characteristic Features

- **High mechanical resistivity**
- Good chemical and heat resistivity (425°C)
- Very high resistance to heat due to heat cover
- Low elongation at break

Technical Information

Ticket No.	Composition Dtex/Ply	Tex No.	Strength (Kg.)	Elongation %	Meter/Kg (Approx.)
30	440/2	105	16.90	3	9523
20	440/3	170	25.70	4	5882
12	440/2/3	250	51.00	4	4000

Ticket No. Applications
30, 20, 12 : Life saving jackets, filter fabrics and safety shoes

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NOMEX[®] THREAD SCHAPPE-SPUN THREAD

NOMEX[®] Schappe-Spun thread offers the following key benefits.



Characteristic Features

- **Long staple spun meta-aramide fibers**
- Resistivity to high temperatures (370°C)
- Good resistance to abrasion and heat
- Resistant to non-melting and self extinguishing

Technical Information

Ticket No.	Composition Nm/Ply	Tex No.	Strength (Kg.)	Elongation %	Meter/Kg. (Approx.)
70	70/30	48	1.20	28	20833
40	40/30	80	2.19	30	13000

Ticket No.

70, 40

Applications

: Safely clothes, pilot overalls, defense uniforms, low flame ability textiles

Note: Other constructions are available on request

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NOMEX® THREAD BONDED META ARAMIDE

NOMEX® continuous filament Meta Aramide thread offers the following key benefits.



Characteristic Features

- Resistivity to high temperatures (370°C)
- Good resistance to abrasion and heat
- Resistant to non-melting and self extinguishing

Technical Information

Ticket No.	Composition Dtex/Ply	Tex No.	Strength (Kg.)	Elongation %	Meter/Kg (Approx.)
60	220/2	50	1.90	30	19867
40	220/3	80	2.88	31	12400
34	220/4	104	3.84	32	9615
20	220/2/3	153	5.76	35	6535
15	220/4/3	297	12.30	33	3600
12	220/3/3	240	8.60	33	4166

Ticket No.

Applications

60, 40, 34, 20, 15, 12: Safely clothes, pilot overalls, defense uniforms, low flame ability textiles

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ANTI-STATIC SEWING THREADS

This is made from 100% Continuous Filament High Tenacity Yarn on the latest imported machines. The use of special steel yarn provides good anti-static.



Characteristics Features

- **Has steel yarn to provide anti-static performance**
- Run smoothly during the sewing process
- High melting point of above 260°C, thus preventing thread melting at needle eye while sewing
- Micro molecular specially developed lubrication

Technical Information

Ticket No.	Composition	Strength	Loop Strength
	Dtex/Ply	(Kg.)	(Kg.)
40	235/3	4.1	4.6
20	470/3	8.2	9.2

Ticket No.	Applications
40, 20	: Security shoes, special uniforms, gloves, etc.

Note: Other constructions are available on request



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Threads (India) Limited

ULTIMO^(BONDED)

Super High Tenacity Filament Polyester Thread Bonded

ULTIMO (BONDED) is made from pre-stabilised High Tenacity 100% Continuous Filament Polyester Yarn. The bonding is done with a specially formulated chemical.



Characteristic Features

- **Excellent performance on multi-direction machines and automatic machines as the plies do not open during sewing**
- Very high resistance to abrasion due to protective bonding chemical coating
- Neat and even seams
- High UV Resistance
- Will maintain integrity after long-term exposure to outside elements
- Also available in Antiwick Treatment for water-proof stitching

Technical Information

Ticket No.	Composition Dtex/Ply	Tex No.	Breaking Strength (Kg.)	Metric Needle No.
80/3	113/3	40	2.5	70
60/3	167/3	60	3.5	80
50/3	190/3	70	4.0	90
40/3	233/3	80	5.0	90
30/3	280/3	100	6.0	100
20/3	466/3	150	10.0	110
16/3	560/3	190	11.5	160
12/3	560/4	250	14.5	180
10/3	940/3	300	20.0	180
8/3	1100/3	400	24.0	200
7/3	1100/4	500	32.0	230

Ticket No.	Applications
80, 60	: Ladies shoe uppers, shoe lining, suitcase hinges, etc.
60, 50, 40, 30	: Leather shoes, uppers, leather garments, footwear, wallets, sports goods, gloves, bags, light leather goods, mattresses, upholstery automobile seats, industrial filters, carpets, parachutes, etc.
20, 16, 12, 10, 8, 7	: Heavy stitching of leather goods, ornamental stitching of leather shoes, saddlery, tarpaulin, tents, jeep hoods, safety belts, etc.

Note: Other constructions are available on request



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Threads (India) Limited
PTFE THREAD
Poly Tetra Fluoro Ethylene (PTFE)
Sewing Thread



Characteristics Features

- High resistance to UV rays, chemical and atmospheric agents
- G15 Years Guarantee against UV Radiation

Technical Information

Ticket No.	Composition Denier/Ply	Strength (Kg.)	Elongation %	Needle No.
20	390/3	120	3.9	90
18	490/3	150	5.0	110
15	540/3	180	5.3	160
8	950/3	300	9.3	180

Applications

Sole stitching, tents (ropes and cords), stator binding, Venetian blinds, saddlery, etc.

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Threads (India) Limited

HIGH TEMPERATURE RESISTANT STEEL CORE THREAD

High Temperature Resistant Steel Core Thread



Characteristic Features

- Polyester jacketing protects sewing machine guides from being grooved by metal to metal contact
- Micro-molecular lubrication provides a smooth passage of thread
- Will withstand high heat and temperature cycling
- Will maintain integrity after long-time exposure to outside elements
- Resistant to mildew aging, alkalis, chlorides, and many other liquids and gases

Technical Information

Ticket No.	Max. Temp. (°F)	Yields (Feet/Lbs.)	Yields (Lbs.)	Strength (Lbs.)	Strength (Kg.)	Elongation % (min-max)
12	2000	6100	4100	8.00	3.63	15 - 35

Ticket No.

12

Applications

: Removable and reusable insulation blankets for marine industries, aerospace applications, industrial applications, commercial industries, fire proofing pads where extremely high temperature resistance is required.

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Threads (India) Limited
POLY PROPYLENE
High Tenacity Sewing Thread

POLY PROPYLENE High Tenacity Sewing Thread.



Characteristics Features

- Good resistance to chemicals and abrasion

Technical Information:

Ticket No.	Composition Dtex/Ply	Tex No.	Breaking Strength (Kg.)	Meter/Kg. (Approx.)
30	446×2	89	6.5	11250
20	660×2	132	10.0	7500
15	660×1×3	198	13.0	5000
12	880×3	264	20.0	3750
8	1100×1×3	333	26.0	3000
7	1320×3	396	27.0	2500

Ticket No.

Applications

30, 20, 15, 12, 8, 7 : Upholstery, filtration, packaging, bulk container and furnishing industry

Note: Other constructions are available on request



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POLY PROPYLENE

Medium Tenacity Sewing Thread

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30	446×2	89	3.8	11250
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15	660×1×3	198	8.0	5000
12	880×3	264	11.0	3750
8	1100×1×3	333	13.0	3000
7	1320×3	396	16.0	2500

Ticket No.

Applications

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